

AMERICAN JOURNAL OF OPHTHALMOLOGY®

Volume 112
JULY-DECEMBER, 1991

FRANK W. NEWELL, *Publisher and Editor-in-Chief*
435 N. Michigan Ave., Suite 1415, Chicago, Illinois 60611

EDITORIAL BOARD

JULES BAUM, *Boston*
WILLIAM M. BOURNE, *Rochester*
RONALD M. BURDE, *New York*
FRED EDERER, *Bethesda*
FREDERICK T. FRAUNFELDER, *Portland*
STEVEN G. KRAMER, *San Francisco*
IRVING H. LEOPOLD, *Irvine*
ROBERT MACHEMER, *Durham*
NANCY M. NEWMAN, *San Francisco*
DON H. NICHOLSON, *Miami*
EDWARD W. D. NORTON, *Miami*
DEBORAH PAVAN-LANGSTON, *Boston*

ALLEN M. PUTTERMAN, *Chicago*
DENNIS ROBERTSON, *Rochester*
MERLYN M. RODRIGUES, *Baltimore*
STEPHEN J. RYAN, *Los Angeles*
JERRY A. SHIELDS, *Philadelphia*
M. BRUCE SHIELDS, *Durham*
RONALD E. SMITH, *Los Angeles*
BRUCE E. SPIVEY, *San Francisco*
BRADLEY R. STRAATSMA, *Los Angeles*
E. MICHAEL VAN BUSKIRK, *Portland*
GUNTER K. VON NOORDEN, *Houston*

CONSULTING BOARD

MATHEA R. ALLANSMITH, *Boston*
CROWELL BEARD, *San Jose*
BERNARD BECKER, *St. Louis*
BENJAMIN F. BOYD, *Panama*
RONALD E. CARR, *New York*
CLAES H. DOHLMAN, *Boston*
DUPONT GUERRY III, *Richmond*
EUGENE HELVESTON, *Indianapolis*

ROBERT W. HOLLENHORST, *Rochester*
HERBERT E. KAUFMAN, *New Orleans*
ARTHUR H. KEENEY, *Louisville*
KENNETH R. KENYON, *Boston*
CARL KUPFER, *Bethesda*
ALBERT M. POTTS, *Tucson*
MARVIN L. SEARS, *New Haven*
GEORGE O. WARING, *Atlanta*

H. STANLEY THOMPSON, *Book Review Editor*
THOMAS M. AABERG, *Senior Associate Editor*
MICHAEL A. KASS, *Abstract Editor*
MARY L. BORYSEWICZ, *Executive Managing Editor*

PUBLISHED MONTHLY BY THE OPHTHALMIC PUBLISHING COMPANY
435 N. Michigan Ave., Suite 1415, Chicago, Illinois 60611

In addition to members of the Editorial Board, the following scientific referees contributed generously of their knowledge, expertise, and time to review and to evaluate the suitability of typescripts submitted for publication to THE AMERICAN JOURNAL OF OPHTHALMOLOGY between November 1, 1990, and October 31, 1991. The Editorial Board is ever mindful of their generous contributions to the integrity and accuracy of The Journal. If your path crosses that of one of these referees, express your appreciation.

DANIEL M. ALBERT
DOUGLAS R. ANDERSON
RICHARD L. ANDERSON
DAVID J. APPLE
STUART F. BALL
GEORGE B. BARTLEY
J. BRONWYN BATEMAN
A. ROBERT BELLAWS
WILLIAM E. BENSON
ELIOT L. BERSON
JEROME W. BETTMAN, SR.
PERRY S. BINDER
GEORGE W. BLANKENSHIP
BARBARA A. BLODI
CHRISTOPHER F. BLODI
MARK S. BLUMENKRANZ
H. CULVER BODT
STEPHEN L. BOSNIAK
VIRGINIA S. BOYCE
ROBERT J. BRAIDWOOD
NEIL M. BRESSLER
FREDERICK S. BRIGHTBILL
GARY C. BROWN
RICHARD F. BRUBAKER
JOHN D. BULLOCK
ROBERT P. BURNS
THOMAS C. BURTON
RANDY V. CAMPO
HERBERT L. CANTRILL
JOSEPH CAPRIOLI
CHI-CHAO CHAN
DEVON H. CHAR
STEVEN T. CHARLES
ELISABETH J. COHEN
D. JACKSON COLEMAN
BRIAN J. CURTIN
SERGE DE BUSTROS
EUGENE DE JUAN, JR.
ANGELO DELLAPORTA
ROBERT A. DEL PERO
WILLIAM J. DINNING
LARRY A. DONOSO
STEPHEN M. DRANCE
RICHARD D. DREWRY, JR.
ROBERT C. DREWS
DAVID K. DUEKER
JONATHAN J. DUTTON
RALPH C. EAGLE, JR.
HENRY F. EDELHAUSER
MARTIN EHRENBERG
RICHARD A. EIFERMAN
DAVID E. EIFRIG
PHILIP P. ELLIS
JAY M. ENOCH
J. TERRY ERNEST
R. LINSY FARRIS
ROBERT M. FEIBEL
ANDREW P. FERRY
ALLAN J. FLACH
JOSEPH C. FLANAGAN
HARRY W. FLYNN, JR.
ROBERT FOLBERG
JAMES C. FOLK
DAVID J. FORSTER
C. STEPHEN FOSTER
ROBERT N. FRANK
WILLIAM R. FREEMAN
MARCEL FRENKEL
MILES H. FRIEDLAENDER
ALAN H. FRIEDMAN
BARTLEY R. FRUEH
ANNE B. FULTON
DOUGLAS E. GAASTERLAND
J. DONALD M. GASS
RONALD N. GASTER
BRYAN M. GEBHARDT
CRAIG W. GEORGE
JOHN W. GITTINGER, JR.
BERT M. GLASER
JOEL S. GLASER

BEN GLASGOW
HANS GROSSNIKLAUS
DAVID L. GUYTON
WILLIAM S. HAGLER
BARRETT G. HAIK
WILLIAM M. HART, JR.
SOHAN S. HAYREH
JOHN R. HECKENLIVELY
DALE E. HENDERLY†
GEORGE F. HILTON
JACK T. HOLLADAY
GARY N. HOLLAND
ROBERT A. HYNDIUK
MICHAEL S. INSLER
ALEXANDER R. IRVINE
SHERWIN ISENBERG
SAMUEL G. JACOBSON
LEE M. JAMPOL
WALTER M. JAY
THOMAS JOHN
DAN B. JONES
IRA SNOW JONES
G. FRANK JUDISCH
MURIEL I. KAISER-KUPFER
ROBERT E. KALINA
ZEYNEL A. KARCIOGLU
RANDY H. KARDON
PAUL L. KAUFMAN
RONALD V. KEECH
ROBERT E. KENNEDY
RONALD KLEIN
MARILYN C. KINCAID
GORDON K. KLINTWORTH
STEPHEN D. KLYCE
PAUL A. KNEPPER
DOUGLAS D. KOCH
STEVEN B. KOENIG
ALLAN E. KREIGER
THEODORE KRUPIN
MARK J. KUPERSMITH
BURTON J. KUSHNER
PETER R. LAIBSON
FRED H. LAMBROU
JEFFREY D. LANIER
WILLIAM E. LAYDEN
HOWARD M. LEIBOWITZ
MICHAEL A. LEMP
CHARLES R. LEONE
SIDNEY LERMAN
SIMMONS LESSELL
RALPH Z. LEVENE
HILEL LEWIS
RICHARD A. LEWIS
MARC F. LIEBERMAN
THOMAS J. LIESEGANG
HARVEY LINCOFF
RICHARD L. LINDSTROM
MAURICE H. LUNTZ
SCOTT M. MACRAE
LEO J. MAGUIRE
MAUREEN G. MAGUIRE
MARTIN MAINSTER
MARK J. MANNIS
MICHAEL F. MARMOR
MALCOLM L. MAZOW
JOHN A. MCCRARY
MARGUERITE B. McDONALD
J. WALLACE McMEEL
ALICE R. MCPHERSON
SAMUEL D. MCPHERSON, JR.
MARILYN B. METS
ROGER F. MEYER
DAVID D. MICHAELS
WILLIAM F. MIELER
NEIL R. MILLER
DON S. MINCKLER
BARTLY J. MONDINO
KIMBERLY NEELY
NANCY J. NEWMAN
DAVID A. NEWSOME

KENNETH G. NOBLE
GARY D. NOVACK
ROBERT A. NOZICK
ROBERT B. NUSSENBLATT
DENIS M. O'DAY
R. JOSEPH OLK
JAMES C. ORCUTT
H. BRUCE OSTLER
ALAN G. PALESTINE
PAUL PALMBERG
EARL A. PALMER
MARSHALL M. PARKS
RICHARD K. PARRISH II
LEON G. PARTAMIAN
JAY S. PEPOSE
STEVEN M. PODOB
JOEL POKORNY
CARMEN A. PULIAFITO
HARRY A. QUIGLEY
RONALD L. RADIUS
NARSING A. RAO
PETER A. RAPOZA
RAYMOND E. RECORDS
ROBERT RITCH
ALAN L. ROBIN
DAVID ROBINSON
MICHAEL L. ROSENBERG
J. JAMES ROWSEY
JON M. RUDERMAN
RICHARD S. RUIZ
DAVID J. SCHANZLIN
HOWARD SCHATZ
ALAN B. SCOTT
WILLIAM E. SCOTT
EDWARD C. SENAY
DAVID SEVEL
CAROL L. SHIELDS
MORTON E. SMITH
VIVIANNE C. SMITH
GILBERT SMOLIN
GEORGE L. SPAETH
WILLIAM H. SPENCER
THOMAS C. SPOOR
ROBERT L. STAMPER
ROGER F. STEINERT
PAUL STERNBERG, JR.
THOMAS STEVENS
E. LEE STOCK
BARBARA W. STREETEN
ALAN SUGAR
HOWARD H. TESSLER
MATTHEW A. THOMAS
JOHN T. THOMPSON
ELISE TORCZYNSKI
ELIAS I. TRABOULSI
BRENDA J. TRIPATHI
RAMESH C. TRIPATHI
LAWRENCE TYCHSEN
W. A. J. VAN HEUVEN
DANIEL G. VAUGHAN
SUZANNE VERONNEAU-TROUTMAN
CHARLES M. VYGANTAS
ROBERT R. WALLER
ROBERT N. WEINREB
JOHN J. WEITER
ROBERT D. WERTZ
MAYNARD B. WHEELER
JACOB T. WILENSKY
CHARLES P. WILKINSON
LOUIS A. WILSON
R. SLOAN WILSON
JAMES B. WISE
DARRELL E. WOLFLEY
THOMAS O. WOOD
MYRON YANOFF
BRIAN R. YOUNGE
LORENZ E. ZIMMERMAN
THOM J. ZIMMERMAN

† DECEASED.

SUBJECT INDEX

NOTE: Abstract Index follows Author Index

A

Abscess

- Hemianopsia from occipital lobe abscess after dental care, 689

Acanthamoeba sp.

- Concurrent chlamydial and *Acanthamoeba* keratoconjunctivitis (letter), 466
- Subepithelial infiltrates in *Acanthamoeba* keratitis, 414

Acquired immunodeficiency syndrome

- Cytomegalovirus retinopathy as the initial manifestation of the acquired immunodeficiency syndrome, 243
- Human immunodeficiency virus disease epidemiology and nosocomial infection, 335
- A multicenter study of *Pneumocystis* choroidopathy, 15
- Repair of retinal detachment caused by cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome, 235
- Varicella-zoster virus retinitis in patients with the acquired immunodeficiency syndrome, 119

Acute retinal necrosis syndrome

- Intrathecal antibody production against viruses of the herpesvirus family in acute retinal necrosis syndrome, 76

Acyclovir

- Decrease in the risk of bilateral acute retinal necrosis by acyclovir therapy, 250

Adenoma

- Ultrastructural and immunohistochemical features of coronal adenomas, 34

Aging

- Pathologic features of surgically excised subretinal neovascular membranes in age-related macular degeneration, 647

Allergy

- Sneezing as an early indicator of allergy to fluorescein dye (letter), 601

Aminocaproic acid

- Secondary hemorrhage in traumatic hyphema, 507

Anesthesia

- Central retinal artery occlusion in a child after general anesthesia (letter), 91
- Inferior rectus muscle palsy after retrobulbar anesthesia for cataract surgery (letter), 209

Angioid streaks

- Disk drusen and angioid streaks in pseudoxanthoma elasticum, 166

Anterior chamber

- Anterior chamber aspirate cultures after uncomplicated cataract surgery, 278

Antibiotic drugs

- Mixing fortified antibiotic eyedrops (letter), 459
- Mixing fortified antibiotic eyedrops, 450; correction, 754

Antibody

- Analysis of local antibody production in the vitreous humor of patients with severe uveitis, 147
- Antibody indications of secondary and superimposed retinal hypersensitivity in retinitis pigmentosa, 132

Antigen

- Anterior uveitis and hypopyon, 317

Aphakia

- Improvement in visual acuity in chronic aphakic and pseudophakic cystoid macular edema after treatment with topical 0.5% ketorolac tromethamine, 514

Aqueous humor

- A clinical trial of metipranolol, a noncardioselective beta-adrenergic antagonist, in ocular hypertension, 302

Artery

- Central retinal artery occlusion in a child after general anesthesia (letter), 91
- Congenital arteriovenous communications and the development of two types of leaking retinal macroaneurysms, 31

Astigmatism

- Corneal topography for selective suture removal after penetrating keratoplasty, 657
- Developing entry criteria for studies of severe postkeratoplasty astigmatism, 666

Atrophy

- Correlation of the blind spot size to the area of the optic disk and parapapillary atrophy (correspondence), 609

B

B-scan

- B-scan ultrasonography of eyes containing intravitreal gas, 272

Babesiosis

- Retinal nerve fiber layer infarct in a patient with babesiosis (letter), 597

Bacteria

- Antibacterial effectiveness of ciprofloxacin 0.3% ophthalmic solution in the treatment of bacterial conjunctivitis, 295
- Clinical evaluation of ciprofloxacin 0.3% ophthalmic solution for treatment of bacterial keratitis, 345

- The comparative in vitro activity of ofloxacin and selected ophthalmic antimicrobial agents against ocular bacterial isolates, 108:380; correction, 478
- Current therapy for bacterial keratitis and bacterial conjunctivitis, 105
- Insights from experimental data on ciprofloxacin in the treatment of bacterial keratitis and ocular infections, 255
- Microbiologic aspects of fluoroquinolones, 155
- A review of bacterial keratitis and bacterial conjunctivitis, 25
- The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Preface, 15
- The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Conclusion, 485
- Beta-blocker**
- A clinical trial of metipranolol, a noncardioselective beta-adrenergic antagonist, in ocular hypertension, 302
- Evaluation of once-daily levobunolol 0.25% and timolol 0.25% therapy for increased intraocular pressure, 56
- Betaxolol**
- Influence of betaxolol and timolol on the visual fields of patients with glaucoma, 678
- Biomicroscopy**
- A comparison of three contact-lens biomicroscopy coupling solutions (letter), 732
- Biopsy**
- Tuberculous choroiditis diagnosed by chorioretinal endobiopsy (letter), 460
- Bleb**
- Spontaneous filtration blebs in a patient with microspherophakia (letter), 350
- Blepharoptosis**
- Isolated orbital sarcoidosis as a cause for blepharoptosis (letter), 739
- Bone marrow transplant**
- Bone marrow transplant retinopathy, 635
- Books and Computer Software**
- Advances in Ophthalmic Plastic and Reconstructive Surgery, by Bosniak, S. L. and Smith, B. C., 106
- "AMA DE" Drug Evaluations, Subscription, 1991, 222
- California Resource Directory for the Blind and Visually Impaired, by Schatz, H., Stolarczuk, M. M., McDonald, H. R., and Johnson, R. N., 106
- Clinical Tests in Ophthalmology, by Huber, M. J. E., and Reacher, M. H., 362
- Color Atlas of Lens Implantation, by Percival, P. (ed.), 610
- Color Vision Deficiencies, by Ohta, Y. (ed.), 480
- Corneal Angiogenesis: A Comprehensive Critical Review, by Klintworth, G. K., 362
- Developments in Ophthalmology: Evolution of Microsurgery, by Sourdille, P. (ed.), 745
- Distribution of Cataracts in the Population and Influencing Factors, by Sasaki, K., and Hockwin, O. (eds.), 480
- Eye Surgery: An Introduction to Operative Technique. ed. 2, by Eisner, G., 610
- Eye Trauma, by Shingleton, B. J., Hersh, P. S., and Kenyon, K. R., 611
- Eyelid Surgery, by Rathbaum, E., 612
- Focal Points 1990: Clinical Modules For Ophthalmologists, 363
- Glaucoma Surgical Techniques, by Mills, R. P., and Weinreb, R. N. (eds.), 745
- Immediate Eye Care, by Ragge, N. K., and Easty, D. L., 360
- Manual of Ocular Diagnosis and Therapy, by Pavan-Langston, D. (ed.), 480
- My Fake Eye, The Story of My Prosthesis, by Chernus-Mansfield, N., and Horn, M., 745
- Myopia and the Control of Eye Growth, by Ciba Foundation (ed.), 362
- Neurologic Clinics, by Breen, L. A. (ed.), 363
- Neurological Organization of Ocular Movement, by Daroff, R., and Neetens, A. (eds.), 480
- Night Vision: Basic, Clinical and Applied Aspects, by Hess, R. F., Sharpe, L. T., and Nordby, K. (eds.), 480
- Pediatric Ophthalmology, ed. 3, by Nelson, L. B., Calhoun, J. H., and Harley, R. D. (eds.), 362
- Perimetry Update 1990/1991, by Mills, R. P., and Heijl, A. (eds.), 480
- "PDR" Physician's Desk Reference, 1991, ed. 45, 222
- Pupillenreaktionen-Pupillenstörungen, 480
- Recovery from Anesthesia. International Anesthesiology Clinics, by Lebowitz, P. W. (ed.), 745
- Saunders Ophthalmology Word Book, by Adams, J., 745
- Scanning Laser Ophthalmology and Tomography, by Nasemann, J. E., and Burk, R. O. W., 612
- The Fine Art of Prescribing Glasses, Without Making a Spectacle of Yourself, by Milder, B., and Rubin, M. L., 745
- "USP DI" Drug Information, 1991, ed. 11, 222
- Vascular Disorders of the Ocular Fundus, by Grey, R., 106
- Visual Agnosia, by Farah, M. J., 361
- Visual Impairment: An Overview, by Bailey, I. L. and Hall, A., 106
- Walsh and Hoyt's Clinical Neuro-Ophthalmology, ed. 4., vol. 4, by Miller, N. R., 360
- Borrelia sp.**
- Bilateral follicular conjunctivitis as a manifestation of Lyme disease (letter), 96
- Detection of antibodies against *Borrelia burgdorferi* in patients with uveitis, 23

Botulinum toxin

- Treatment of unilateral acute sixth-nerve palsy with botulinum toxin, 381

Brachytherapy

- Ultrasonic tissue characterization of uveal melanoma and prediction of patient survival after enucleation and brachytherapy, 682

C**Candida sp.**

- Anomalous effect of subconjunctival miconazole on *Candida albicans* keratitis in rabbits, 562
- Infectious crystalline keratopathy caused by *Candida albicans*, 322

Capsule

- The elastic properties of the lens capsule in capsulorhexis (correspondence), 474
- The elastic properties of the lens capsule in capsulorhexis (correspondence), 354

Capsulorhexis

- The elastic properties of the lens capsule in capsulorhexis (correspondence), 354
- The elastic properties of the lens capsule in capsulorhexis (correspondence), 474

Capsulotomy

- Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373

Carbohydrate-deficient glycoprotein syndrome

- Full-field electroretinograms in patients with the carbohydrate-deficient glycoprotein syndrome, 83

Carotid

- Echographic diagnosis of dural-carotid cavernous sinus fistulas (correspondence), 740

Caruncle

- Metastatic carcinoid tumor diagnosis from a caruncular mass (letter), 470

Cataract

- Anterior chamber aspirate cultures after uncomplicated cataract surgery, 278
- The elastic properties of the lens capsule in capsulorhexis (correspondence), 354
- Glass-slide vitrectomy for use by the cataract surgeon (letter), 100
- Inferior rectus muscle palsy after retrobulbar anesthesia for cataract surgery (letter), 209
- Juvenile cataract associated with chronic diarrhea in pediatric cerebrotendinous xanthomatosis (letter), 606
- Lens capsule and epithelium in age-related cataract, 283
- Management of the dislocated crystalline lens with a perfluorocarbon liquid, 401

Cerebrotendinous xanthomatosis

- Juvenile cataract associated with chronic diarrhea in pediatric cerebrotendinous xanthomatosis (letter), 606

Chemosis

- Chemosis associated with Whipple's disease (letter), 217

Children

- Central retinal artery occlusion in a child after general anesthesia (letter), 91
- Juvenile cataract associated with chronic diarrhea in pediatric cerebrotendinous xanthomatosis (letter), 606
- Marked intraocular pressure response to instillation of corticosteroids in children, 450
- Scleritis and Wegener's granulomatosis in children (correspondence), 358

Chlamydia sp.

- Concurrent chlamydial and *Acanthamoeba* keratoconjunctivitis (letter), 466

Cholesterol

- The effects of lipid lowering on diabetic retinopathy, 385

Choroid

- Cytopathologic diagnosis of benign lesions simulating choroidal melanomas, 70
- Epstein-Barr virus antibodies in multifocal choroiditis and panuveitis, 410

Choroiditis

- Epstein-Barr virus antibodies in multifocal choroiditis and panuveitis, 410
- Tuberculous choroiditis diagnosed by chorioretinal endobiopsy (letter), 460

Choroidopathy

- A multicenter study of *Pneumocystis* choroidopathy, 15

Ciprofloxacin

- Antibacterial effectiveness of ciprofloxacin 0.3% ophthalmic solution in the treatment of bacterial conjunctivitis, 295
- Clinical evaluation of ciprofloxacin 0.3% ophthalmic solution for treatment of bacterial keratitis, 345
- Current therapy for bacterial keratitis and bacterial conjunctivitis, 105
- Insights from experimental data on ciprofloxacin in the treatment of bacterial keratitis and ocular infections, 255
- Microbiologic aspects of fluoroquinolones, 155
- The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Preface, 15
- The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Conclusion, 485

Cirrhosis

- Hepatic cirrhosis as a cause of eyelid retraction (letter), 94

Collagen shield

- Collagen shields, 587

Coloboma

- Spontaneous reattachment of a total retinal detachment in an infant with microphthalmos and an optic nerve coloboma (letter), 347

Color vision

Stiles-Crawford effect and color matching in Stargard's disease (letter), 216

***Comamonas* sp.**

Ocular infections associated with *Comamonas acidovorans*, 46

Computed tomography

Evaluation of dacryocystorhinostomy failure with computed tomography and computed tomographic dacryocystography, 431

Computer-image analysis

Regional and long-term variability of fundus measurements made with computer-image analysis, 171

Cone

Retinal function and rhodopsin levels in autosomal dominant retinitis pigmentosa with rhodopsin mutations, 256

Conjunctiva

Acute conjunctivokeratouveitis caused by latex from the pencil tree (letter), 464

Bilateral follicular conjunctivitis as a manifestation of Lyme disease (letter), 96

Conjunctival impression cytology in patients with glaucoma using long-term topical medication, 297

Conjunctival lymphocytic nodule associated with the Epstein-Barr virus, 567

Human papillomavirus type 16 DNA inocular and cervical swabs of women with genital tract condylomata, 61

Microbiologic aspects of fluoroquinolones, 15S

Response of reactivated ligneous conjunctivitis to topical cyclosporine (letter), 95

A sibship with unusual anomalies of the eye and skeleton (Michels' syndrome), 572

Conjunctivitis

Antibacterial effectiveness of ciprofloxacin 0.3% ophthalmic solution in the treatment of bacterial conjunctivitis, 29S

Canalicular obliteration from toxic epidermal necrolysis (letter), 469

Current therapy for bacterial keratitis and bacterial conjunctivitis, 10S

Parinaud's oculoglandular syndrome simulating lymphoma (letter), 344

A review of bacterial keratitis and bacterial conjunctivitis, 2S

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Preface, 1S

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Conclusion, 48S

Conjunctivodacryocystorhinostomy

Problems associated with conjunctivodacryocystorhinostomy, 502

Contact lens

The career impact of keratoconus on air force aviators, 557

Concurrent chlamydial and *Acanthamoeba* keratoconjunctivitis (letter), 466

Fitting of aspheric high gas-permeable rigid contact lenses to scarred corneas, 191

Ocular infections associated with *Comamonas acidovorans*, 46

Subepithelial infiltrates in *Acanthamoeba* keratitis, 414

Transscleral Nd:YAG laser cyclophotocoagulation with a contact lens, 671

Contrast sensitivity

Isolating the effects of primary open-angle glaucoma on the contrast sensitivity function, 308

Cornea

Antibacterial effectiveness of ciprofloxacin 0.3% ophthalmic solution in the treatment of bacterial conjunctivitis, 29S

Clinical evaluation of ciprofloxacin 0.3% ophthalmic solution for treatment of bacterial keratitis, 34S

Cold-induced corneal edema in patients with trigeminal nerve dysfunction, 548

Collagen shields, 587

Corneal autografts for external knots in transsclerally sutured posterior chamber lenses (letter), 353

Corneal topography for selective suture removal after penetrating keratoplasty, 657

Current therapy for bacterial keratitis and bacterial conjunctivitis, 10S

Demonstration of herpes simplex virus DNA in idiopathic corneal endotheliopathy, 419

The effect of corneal hypesthesia on the duration of proparacaine anesthetic eyedrops, 326

The effect of topical administration of indomethacin on symptoms in corneal scars and edema, 186

The effects of denatured sodium hyaluronate on the corneal endothelium in cats, 424

Extreme corneal flattening after radial keratotomy (letter), 738

Fitting of aspheric high gas-permeable rigid contact lenses to scarred corneas, 191

Insights from experimental data on ciprofloxacin in the treatment of bacterial keratitis and ocular infections, 25S

Measurement of the radius of corneal curvature with the Maloney surgical keratometer (letter), 211

Microbiologic aspects of fluoroquinolones, 15S

Residual intrascleral and intraretinal melanoma: a concern with lamellar sclerouvectomy for uveal melanoma, 590

A review of bacterial keratitis and bacterial conjunctivitis, 2S

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Preface, 15

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Conclusion, 485

A sibship with unusual anomalies of the eye and skeleton (Michels' syndrome), 572

Subepithelial infiltrates in *Acanthamoeba* keratitis, 414

Corona

Ultrastructural and immunohistochemical features of coronal adenomas, 34

Corrections

The comparative in vitro activity of ofloxacin and selected ophthalmic antimicrobial agents against ocular bacterial isolates, 108:380; correction, 478

Differential intraocular pressure in restrictive strabismus, 352; correction, 618

Mixing fortified antibiotic eyedrops, 450; correction, 754

Therapeutic ultrasound for the treatment of glaucoma, 111:327; correction, 105

Corticosteroid

Corticosteroid-induced toxic optic neuropathy (letter), 605

Marked intraocular pressure response to instillation of corticosteroids in children, 450

Cyclophotocoagulation

Transscleral Nd:YAG laser cyclophotocoagulation with a contact lens, 671

Cyclosporine

Randomized, double-masked study of cyclosporine compared to prednisolone in the treatment of endogenous uveitis, 138

Response of reactivated ligneous conjunctivitis to topical cyclosporine (letter), 95

Cystoid macular edema

Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373

Improvement in visual acuity in chronic aphakic and pseudophakic cystoid macular edema after treatment with topical 0.5% ketorolac tromethamine, 514

Cytomegalovirus retinitis

Repair of retinal detachment caused by cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome, 235

Cytomegalovirus retinopathy

Cytomegalovirus retinopathy as the initial manifestation of the acquired immunodeficiency syndrome, 243

D

Dacryocystitis

Bone erosion in nasolacrimal duct obstruction (letter), 215

Dacryocystography

Evaluation of dacryocystorhinostomy failure with computed tomography and computed tomographic dacryocystography, 431

Dacryocystorhinostomy

Evaluation of dacryocystorhinostomy failure with computed tomography and computed tomographic dacryocystography, 431

Decompression

Optic nerve sheath decompression for the treatment of progressive nonarteritic ischemic optic neuropathy (correspondence), 741

Deviation

Visual-evoked cortical potentials in dissociated vertical deviation, 714

Diabetes

The effects of lipid lowering on diabetic retinopathy, 385

Diabetes mellitus

Risk of missing angle neovascularization by omitting screening gonioscopy in patients with diabetes mellitus (letter), 212

Diabetic retinopathy

The effects of lipid lowering on diabetic retinopathy, 385

Diplophthalmos

Unilateral diplophthalmos, 581

Disk

Disk drusen and angioid streaks in pseudoxanthoma elasticum, 166

Drusen

Disk drusen and angioid streaks in pseudoxanthoma elasticum, 166

Duane's retraction syndrome

A magnetic resonance imaging study of the upshoot-downshoot phenomenon of Duane's retraction syndrome (correspondence), 358

Dystrophy

Keratoconus associated with posterior polymorphous dystrophy (letter), 729

E

Echography

Diameter of normal extraocular recti muscles with echography, 706

Echographic diagnosis of dural-carotid cavernous sinus fistulas (correspondence), 740

Edema

Cold-induced corneal edema in patients with trigeminal nerve dysfunction, 548

Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373

The effect of topical administration of indomethacin on symptoms in corneal scars and edema, 186

Editorials

The American Board of Ophthalmology turns 75 (SPENCER, W. H.), 455

AMERICAN JOURNAL OF OPHTHALMOLOGY: 1965-1991 (NEWELL, F. W.), 723

Human immunodeficiency virus, herpes zoster, and the retina (NUSSENBLATT, R. B.), 206

Penicillin: 1929-1991 (NEWELL, F. W.), 207

Preoperative medical examinations for patients undergoing ophthalmic surgery (BARTLEY, G. B.), 725

Electroretinography

Full-field electroretinograms in patients with the carbohydrate-deficient glycoprotein syndrome, 83

Endophthalmitis

Delayed-onset pseudophakic endophthalmitis (correspondence), 221

Fate of the fellow eye after *Propionibacterium acnes* endophthalmitis (letter), 99

Management of endophthalmitis while preserving the uninvolved crystalline lens, 695

Rhodococcus luteus and *Rhodococcus erythropolis* chronic endophthalmitis after lens implantation (letter), 596

Endotheliopathy

Demonstration of herpes simplex virus DNA in idiopathic corneal endotheliopathy, 419

Endothelium

The effects of denatured sodium hyaluronate on the corneal endothelium in cats, 424

Entropion

Congenital entropion with intact lower eyelid retractor insertion, 437

Enucleation

Ultrasonic tissue characterization of uveal melanoma and prediction of patient survival after enucleation and brachytherapy, 682

Epidemiology

Human immunodeficiency virus disease epidemiology and nosocomial infection, 335

Epikeratoplasty

A comparison of penetrating keratoplasty to epikeratoplasty in the surgical management of keratoconus (correspondence), 103

Epithelium

Lens capsule and epithelium in age-related cataract, 283

Epstein-Barr virus

Conjunctival lymphocytic nodule associated with the Epstein-Barr virus, 567

Epstein-Barr virus antibodies in multifocal choroiditis and panuveitis, 410

Esotropia

Medial rectus muscle marginal myotomies for persistent esotropia, 702

Exenteration

A 20-year series of orbital exenteration, 496

Eyedrops

Mixing fortified antibiotic eyedrops (letter), 459

Mixing fortified antibiotic eyedrops, 450; correction, 754

Eyelid

Congenital entropion with intact lower eyelid retractor insertion, 437

Hepatic cirrhosis as a cause of eyelid retraction (letter), 94

A sibship with unusual anomalies of the eye and skeleton (Michels' syndrome), 572

F

Fistula

Echographic diagnosis of dural-carotid cavernous sinus fistulas (correspondence), 740

Fluorescein

Severe anaphylactic reaction to orally administered fluorescein (letter), 94

Sneezing as an early indicator of allergy to fluorescein dye (letter), 601

Fluoroquinolone

Antibacterial effectiveness of ciprofloxacin 0.3% ophthalmic solution in the treatment of bacterial conjunctivitis, 29S

Current therapy for bacterial keratitis and bacterial conjunctivitis, 10S

Insights from experimental data on ciprofloxacin in the treatment of bacterial keratitis and ocular infections, 25S

Microbiologic aspects of fluoroquinolones, 15S

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Preface, 1S

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Conclusion, 48S

Frosted branch angiitis

Unilateral frosted branch angiitis (correspondence), 477

Fundus

Full-field electroretinograms in patients with the carbohydrate-deficient glycoprotein syndrome, 83

Regional and long-term variability of fundus measurements made with computer-image analysis, 171

Fundus flavimaculatus

Stiles-Crawford effect and color matching in Stargardt's disease (letter), 216

G

Genetics

Familial congenital grouped pigmentation of the retina, 406

Retinal function and rhodopsin levels in autosomal dominant retinitis pigmentosa with rhodopsin mutations, 256

Retinal telangiectasis in scapuloperoneal muscular dystrophy (letter), 348

Glaucoma

- Conjunctival impression cytology in patients with glaucoma using long-term topical medication, 297
- Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373
- Diode laser compared with argon laser for trabeculoplasty, 50
- Diurnal intraocular pressure after successful primary laser trabeculoplasty, 67
- Evaluation of once-daily levobunolol 0.25% and timolol 0.25% therapy for increased intraocular pressure, 56
- Immediate pressure effects of Nd:YAG cyclocoagulation (letter), 603
- Influence of betaxolol and timolol on the visual fields of patients with glaucoma, 678
- Isolating the effects of primary open-angle glaucoma on the contrast sensitivity function, 308
- The laser step in early glaucoma therapy, 87
- Regional and long-term variability of fundus measurements made with computer-image analysis, 171
- Therapeutic ultrasound for the treatment of glaucoma, 111:327; correction, 105

Gonioscopy

- Risk of missing angle neovascularization by omitting screening gonioscopy in patients with diabetes mellitus (letter), 212

Graft

- Treatment of infectious scleritis and keratoscleritis, 543

Graft-vs-host disease

- Bilateral herpes simplex keratitis in a patient with graft-vs-host disease (letter), 468

H**Hemianopsia**

- Hemianopsia from occipital lobe abscess after dental care, 689

Hemorrhage

- Intraocular hemorrhage associated with intravenously administered streptokinase (letter), 734
- Secondary hemorrhage in traumatic hyphema, 507

Herpes simplex

- Bilateral herpes simplex keratitis in a patient with graft-vs-host disease (letter), 468
- Demonstration of herpes simplex virus DNA in idiopathic corneal endotheliopathy, 419
- Herpes simplex dendritic keratitis after keratoplasty (correspondence), 355

Herpes simplex virus

- The evaluation of the Kodak Surecell test for the detection of ocular herpes simplex virus (letter), 214

Herpes zoster

- Magnetic resonance imaging in a patient with herpes zoster keratouveitis and contralateral acute retinal necrosis (letter), 735

Herpesvirus

- Intrathecal antibody production against viruses of the herpesvirus family in acute retinal necrosis syndrome, 76

Horner's syndrome

- Asymmetric pigmentary dispersion syndrome mimicking Horner's syndrome (letter), 463
- Horner's syndrome as a complication of pacemaker insertion (letter), 97

Human immunodeficiency virus

- Cytomegalovirus retinopathy as the initial manifestation of the acquired immunodeficiency syndrome, 243

- Human immunodeficiency virus disease epidemiology and nosocomial infection, 335

Human papillomavirus

- Human papillomavirus type 16 DNA inocular and cervical swabs of women with genital tract condylomata, 61

Hypertension

- A clinical trial of metipranolol, a noncardioselective beta-adrenergic antagonist, in ocular hypertension, 302

Hyphema

- Secondary hemorrhage in traumatic hyphema, 507

Hypopyon

- Anterior uveitis and hypopyon, 317

I**Impression cytology**

- Conjunctival impression cytology in patients with glaucoma using long-term topical medication, 297

Indomethacin

- The effect of topical administration of indomethacin on symptoms in corneal scars and edema, 186

Infants

- Bilateral congenital absence of pupillary aperture (letter), 608
- Congenital entropion with intact lower eyelid retractor insertion, 437
- Spontaneous reattachment of a total retinal detachment in an infant with microphthalmos and an optic nerve coloboma (letter), 347
- Unilateral diplophthalmos, 581

Interferon

- Interferon alpha 2a for treatment of age-related macular degeneration (letter), 349

Intraocular pressure

- Differential intraocular pressure in restrictive strabismus (letter), 352
- Differential intraocular pressure in restrictive strabismus, 352; correction, 618
- Diurnal intraocular pressure after successful primary laser trabeculoplasty, 67

Immediate pressure effects of Nd:YAG cyclocoagulation (letter), 603

Marked intraocular pressure response to instillation of corticosteroids in children, 450

Iridectomy

Identification, prevention, and treatment of silicone oil pupillary block after an inferior iridectomy (correspondence), 357

Iris

A disposable iris retractor for vitrectomy (letter), 731

Neovascularization of the iris in rhegmatogenous retinal detachment, 632

A physical analysis of the factors that determine the contour of the iris (correspondence), 219

Ischemia

Optic nerve sheath decompression for the treatment of progressive nonarteritic ischemic optic neuropathy (correspondence), 741

K

Keratitis

Anomalous effect of subconjunctival miconazole on *Candida albicans* keratitis in rabbits, 562

Bilateral herpes simplex keratitis in a patient with graft-vs-host disease (letter), 468

Clinical evaluation of ciprofloxacin 0.3% ophthalmic solution for treatment of bacterial keratitis, 345

Current therapy for bacterial keratitis and bacterial conjunctivitis, 105

Fitting of aspheric high gas-permeable rigid contact lenses to scarred corneas, 191

Herpes simplex denritic keratitis after keratoplasty (correspondence), 355

Insights from experimental data on ciprofloxacin in the treatment of bacterial keratitis and ocular infections, 255

A review of bacterial keratitis and bacterial conjunctivitis, 25

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Preface, 15

The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Conclusion, 485

Subepithelial infiltrates in *Acanthamoeba* keratitis, 414

Keratoconjunctivitis

Bilateral herpes simplex keratitis in a patient with graft-vs-host disease (letter), 468

Concurrent chlamydial and *Acanthamoeba* keratoconjunctivitis (letter), 466

Keratoconjunctivitis sicca

Canalicular obliteration from toxic epidermal necrolysis (letter), 469

Keratoconus

The career impact of keratoconus on air force aviators, 557

A comparison of penetrating keratoplasty to epikeratoplasty in the surgical management of keratoconus (correspondence), 103

Identifying progression of subclinical keratoconus by serial topography analysis, 41

Keratoconus associated with posterior polymorphous dystrophy (letter), 729

Keratometry

Measurement of the radius of corneal curvature with the Maloney surgical keratometer (letter), 211

Keratomycosis

Phialophora mutabilis keratomycosis (letter), 728

Keratopathy

Infectious crystalline keratopathy caused by *Candida albicans*, 322

Keratoplasty

Developing entry criteria for studies of severe post-keratoplasty astigmatism, 666

Herpes simplex denritic keratitis after keratoplasty (correspondence), 355

Ketorolac tromethamine

Improvement in visual acuity in chronic aphakic and pseudophakic cystoid macular edema after treatment with topical 0.5% ketorolac tromethamine, 514

L

Lacrimal apparatus

Bone erosion in nasolacrimal duct obstruction (letter), 215

Canalicular obliteration from toxic epidermal necrolysis (letter), 469

Evaluation of dacryocystorhinostomy failure with computed tomography and computed tomographic dacryocystography, 431

Problems associated with conjunctivodacryocystorhinostomy, 502

Lamina cribrosa

Immunohistochemistry of proteoglycans in human lamina cribrosa, 489

Laser

Argon laser-induced retinal herniation (letter), 602

Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373

Diode laser compared with argon laser for trabeculoplasty, 50

Diurnal intraocular pressure after successful primary laser trabeculoplasty, 67

Immediate pressure effects of Nd:YAG cyclocoagulation (letter), 603

The laser step in early glaucoma therapy, 87

Transscleral Nd:YAG laser cyclophotocoagulation with a contact lens, 671

Lattice degeneration

Prevalence of lattice degeneration and its relation to axial length in severe myopia (correspondence), 356

Lens

- Corneal autografts for external knots in transsclerally sutured posterior chamber lenses (letter), 353
- The elastic properties of the lens capsule in capsulorhexis (correspondence), 354
- The elastic properties of the lens capsule in capsulorhexis (correspondence), 474
- Lens capsule and epithelium in age-related cataract, 283
- Management of dislocated nuclear fragments after phacoemulsification, 535
- Management of endophthalmitis while preserving the uninvolved crystalline lens, 695
- Management of the dislocated crystalline lens with a perfluorocarbon liquid, 401
- Rhodococcus luteus* and *Rhodococcus erythropolis* chronic endophthalmitis after lens implantation (letter), 596

Levobunolol

- Evaluation of once-daily levobunolol 0.25% and timolol 0.25% therapy for increased intraocular pressure, 56

Lipid

- The effects of lipid lowering on diabetic retinopathy, 385

Lyme borreliosis

- Bilateral follicular conjunctivitis as a manifestation of Lyme disease (letter), 96
- Detection of antibodies against *Borrelia burgdorferi* in patients with uveitis, 23
- Prevalence of Lyme disease among patients with uveitis (letter), 462

Lymphangioma

- Concomitant lymphangioma and arteriovenous malformation of the orbit, 200

Lymphocyte

- Conjunctival lymphocytic nodule associated with the Epstein-Barr virus, 567

Lymphoma

- Immunohistochemistry findings in primary intraocular lymphoma (letter), 472
- Parinaud's oculoglandular syndrome simulating lymphoma (letter), 344

M**Macula**

- Fenestrated sheen macular dystrophy, 1
- New instruments for submacular surgery (letter), 733
- Pathologic findings of photic retinopathy in the human eye, 520
- Symptomatic retinoschisis-detachment involving the macula, 8

Macular degeneration

- Interferon alpha 2a for treatment of age-related macular degeneration (letter), 349

- Pathologic features of surgically excised subretinal neovascular membranes in age-related macular degeneration, 647

Macular dystrophy

- Fenestrated sheen macular dystrophy, 1

Magnetic resonance imaging

- Magnetic resonance imaging in a patient with herpes zoster keratouveitis and contralateral acute retinal necrosis (letter), 735
- A magnetic resonance imaging study of the upshoot-downshoot phenomenon of Duane's retraction syndrome (correspondence), 358

Meetings, Conferences, Symposia

- Fourteenth Biennial Meeting of the Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology (RODMAN, H.), 613

Melanoma

- Management of exudative retinal detachment after plaque therapy for intraocular melanoma (letter), 92
- Pathologic findings of photic retinopathy in the human eye, 520
- Residual intrascleral and intraretinal melanoma: a concern with lamellar sclerouvectomy for uveal melanoma, 590
- Ultrasonic tissue characterization of uveal melanoma and prediction of patient survival after enucleation and brachytherapy, 682

Metronidazole

- Metronidazole and optic neuritis (letter), 737

Michels' syndrome

- A sibship with unusual anomalies of the eye and skeleton (Michels' syndrome), 572

Miconazole

- Anomalous effect of subconjunctival miconazole on *Candida albicans* keratitis in rabbits, 562

Microphthalmos

- Spontaneous reattachment of a total retinal detachment in an infant with microphthalmos and an optic nerve coloboma (letter), 347

Microspherophakia

- Spontaneous filtration blebs in a patient with microspherophakia (letter), 350

Mitomycin

- Development of scleral ulceration and calcification after pterygium excision and mitomycin therapy (letter), 343

Mucormycosis

- Fatal mucormycosis therapy associated with deferrioxamine (letter), 594

Muscle

- Recurrent idiopathic lateral rectus muscle palsy in adults, 540

Myopia

- Prevalence of lattice degeneration and its relation to axial length in severe myopia (correspondence), 356

Myotomy

- Medial rectus muscle marginal myotomies for persistent esotropia, 702

N**Neovascularization**

- Neovascularization of the iris in rhegmatogenous retinal detachment, 632
- Pathologic features of surgically excised subretinal neovascular membranes in age-related macular degeneration, 647
- Risk of missing angle neovascularization by omitting screening gonioscopy in patients with diabetes mellitus (letter), 212

Nerve

- Cold-induced corneal edema in patients with trigeminal nerve dysfunction, 548

Norrie's disease

- Ultrastructural study of Norrie's disease (correspondence), 475

Nystagmus

- Visual-evoked cortical potentials in dissociated vertical deviation, 714

O**Obituaries**

- Klein, Harvey Z. 1931-1991 (SHIELDS, M. B.), 481
- Kuwabara, Toichiro, 1920-1991 (COGAN, D. G.), 107
- Rucker, C. Wilber, 1900-1991 (HOLLENHORST, R. W.), 223

Occlusion

- Central retinal artery occlusion in a child after general anesthesia (letter), 91

Oculomotor nerve

- Surgical management of oculomotor nerve palsy (correspondence), 744

Ofloxacin

- The comparative in vitro activity of ofloxacin and selected ophthalmic antimicrobial agents against ocular bacterial isolates, 108:380; correction, 478

Ophthalmopathy

- Radiation retinopathy after standard radiotherapy for thyroid-related ophthalmopathy (letter), 600

Optic disk

- Correlation of the blind spot size to the area of the optic disk and parapapillary atrophy (correspondence), 609
- Regional and long-term variability of fundus measurements made with computer-image analysis, 171

Optic nerve

- Optic nerve sheath decompression for the treatment of progressive nonarteritic ischemic optic neuropathy (correspondence), 741
- Spontaneous reattachment of a total retinal detachment in an infant with microphthalmos and an optic nerve coloboma (letter), 347

- Treatment of pseudotumor cerebri by primary and secondary optic nerve sheath decompression, 177

- Visual-evoked cortical potentials in dissociated vertical deviation, 714

Optic neuritis

- Metronidazole and optic neuritis (letter), 737

Optic neuropathy

- Corticosteroid-induced toxic optic neuropathy (letter), 605
- Optic nerve sheath decompression for the treatment of progressive nonarteritic ischemic optic neuropathy (correspondence), 741

Orbit

- Chemosis associated with Whipple's disease (letter), 217
- Concomitant lymphangioma and arteriovenous malformation of the orbit, 200
- Fatal mucormycosis therapy associated with deferrioxamine (letter), 594
- Isolated orbital sarcoidosis as a cause for blepharoptosis (letter), 739
- Radiation retinopathy after standard radiotherapy for thyroid-related ophthalmopathy (letter), 600
- Retinoblastoma manifesting as orbital cellulitis, 442
- A 20-year series of orbital exenteration, 496

Outflow facility

- A clinical trial of metipranolol, a noncardioselective beta-adrenergic antagonist, in ocular hypertension, 302

P**Palsy**

- Recurrent idiopathic lateral rectus muscle palsy in adults, 540
- Surgical management of oculomotor nerve palsy (correspondence), 744
- Treatment of unilateral acute sixth-nerve palsy with botulinum toxin, 381

Panretinal photocoagulation

- A comparison of the size of the burn produced by Rodenstock and Goldmann contact lenses (letter), 212

Panuveitis

- Epstein-Barr virus antibodies in multifocal choroiditis and panuveitis, 410

Parinaud's oculoglandular syndrome

- Parinaud's oculoglandular syndrome simulating lymphoma (letter), 344

Penetrating keratoplasty

- A comparison of penetrating keratoplasty to epikeratoplasty in the surgical management of keratoconus (correspondence), 103
- Corneal topography for selective suture removal after penetrating keratoplasty, 657

Perfluorocarbon liquids

- Management of the dislocated crystalline lens with a perfluorocarbon liquid, 401

Perimetry

Correlation of the blind spot size to the area of the optic disk and parapapillary atrophy (correspondence), 609

Perspectives

Collagen shields, 587

Human immunodeficiency virus disease epidemiology and nosocomial infection, 335

The laser step in early glaucoma therapy, 87

Residual intrascleral and intraretinal melanoma: a concern with lamellar sclerouvectomy for uveal melanoma, 590

Phacoemulsification

Management of dislocated nuclear fragments after phacoemulsification, 535

***Phialophora* sp.**

Phialophora mutabilis keratomycosis (letter), 728

Pigmentary dispersion syndrome

Asymmetric pigmentary dispersion syndrome mimicking Horner's syndrome (letter), 463

Pilocarpine

The effect of light intensity and dose of dilute pilocarpine eyedrops on pupillary constriction in healthy subjects, 195

Rhegmatogenous retinal detachment after initiation of Ocusert therapy (letter), 458

***Pneumocystis* sp.**

A multicenter study of *Pneumocystis* choroidopathy, 15

Prednisolone

Randomized, double-masked study of cyclosporine compared to prednisolone in the treatment of endogenous uveitis, 138

Proliferative diabetic retinopathy

A comparison of the size of the burn produced by Rodenstock and Goldmann contact lenses (letter), 212

Proliferative vitreoretinopathy

An updated classification of retinal detachment with proliferative vitreoretinopathy, 159

Proparacaine

The effect of corneal hypesthesia on the duration of proparacaine anesthetic eyedrops, 326

***Propionibacterium* sp.**

Fate of the fellow eye after *Propionibacterium acnes* endophthalmitis (letter), 99

Proteoglycans

Immunohistochemistry of proteoglycans in human lamina cribrosa, 489

Pseudophakia

Improvement in visual acuity in chronic aphakic and pseudophakic cystoid macular edema after treatment with topical 0.5% ketorolac tromethamine, 514

Pseudotumor cerebri

Treatment of pseudotumor cerebri by primary and secondary optic nerve sheath decompression, 177

Pseudoxanthoma elasticum

Disk drusen and angioid streaks in pseudoxanthoma elasticum, 166

Pterygium

Development of scleral ulceration and calcification after pterygium excision and mitomycin therapy (letter), 343

Pupil

Asymmetric pigmentary dispersion syndrome mimicking Horner's syndrome (letter), 463

Bilateral congenital absence of pupillary aperture (letter), 608

The effect of light intensity and dose of dilute pilocarpine eyedrops on pupillary constriction in healthy subjects, 195

Horner's syndrome as a complication of pacemaker insertion (letter), 97

Identification, prevention, and treatment of silicone oil pupillary block after an inferior iridectomy (correspondence), 357

R**Radial keratotomy**

Extreme corneal flattening after radial keratotomy (letter), 738

Rectus muscle

Diameter of normal extraocular recti muscles with echography, 706

Inferior rectus muscle palsy after retrobulbar anesthesia for cataract surgery (letter), 209

Medial rectus muscle marginal myotomies for persistent esotropia, 702

A simple procedure for complicated strabismus (correspondence), 742

Retina

Antibody indications of secondary and superimposed retinal hypersensitivity in retinitis pigmentosa, 132

Argon laser-induced retinal herniation (letter), 602

Central retinal artery occlusion in a child after general anesthesia (letter), 91

Congenital arteriovenous communications and the development of two types of leaking retinal macroaneurysms, 31

Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373

Cytomegalovirus retinopathy as the initial manifestation of the acquired immunodeficiency syndrome, 243

Decrease in the risk of bilateral acute retinal necrosis by acyclovir therapy, 250

Familial congenital grouped pigmentation of the retina, 406

Hydroxychloroquine retinopathy, 528

Intrathecal antibody production against viruses of the herpesvirus family in acute retinal necrosis syndrome, 76

- Magnetic resonance imaging in a patient with herpes zoster keratouveitis and contralateral acute retinal necrosis (letter), 735
- Management of exudative retinal detachment after plaque therapy for intraocular melanoma (letter), 92
- Neovascularization of the iris in rhegmatogenous retinal detachment, 632
- Pathologic features of surgically excised subretinal neovascular membranes in age-related macular degeneration, 647
- Pathologic findings of photic retinopathy in the human eye, 520
- Repair of retinal detachment caused by cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome, 235
- Results and complications in treated retinal breaks, 623
- Retinal function and rhodopsin levels in autosomal dominant retinitis pigmentosa with rhodopsin mutations, 256
- Retinal nerve fiber layer infarct in a patient with babesiosis (letter), 597
- Retinal pigment epithelial tears associated with trauma, 396
- Retinal telangiectasis in scapuloperoneal muscular dystrophy (letter), 348
- Spontaneous reattachment of a total retinal detachment in an infant with microphthalmos and an optic nerve coloboma (letter), 347
- Symptomatic retinoschisis-detachment involving the macula, 8
- Tuberculous choroiditis diagnosed by chorioretinal endobioscopy (letter), 460
- Ultrastructural study of Norrie's disease (correspondence), 475
- Unilateral frosted branch angiitis (correspondence), 477
- An updated classification of retinal detachment with proliferative vitreoretinopathy, 159
- Varicella-zoster virus retinitis in patients with the acquired immunodeficiency syndrome, 119
- Retinal detachment**
- Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373
- Management of exudative retinal detachment after plaque therapy for intraocular melanoma (letter), 92
- Neovascularization of the iris in rhegmatogenous retinal detachment, 632
- Repair of retinal detachment caused by cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome, 235
- Rhegmatogenous retinal detachment after initiation of Ocusert therapy (letter), 458
- Spontaneous reattachment of a total retinal detachment in an infant with microphthalmos and an optic nerve coloboma (letter), 347
- Symptomatic retinoschisis-detachment involving the macula, 8
- An updated classification of retinal detachment with proliferative vitreoretinopathy, 159
- Retinal necrosis**
- Decrease in the risk of bilateral acute retinal necrosis by acyclovir therapy, 250
- Retinal pigment epithelium**
- Retinal pigment epithelial tears associated with trauma, 396
- Sudden improvement of visual acuity after a retinal pigment epithelium tear (letter), 598
- Retinitis**
- Varicella-zoster virus retinitis in patients with the acquired immunodeficiency syndrome, 119
- Retinitis pigmentosa**
- Antibody indications of secondary and superimposed retinal hypersensitivity in retinitis pigmentosa, 132
- Retinal function and rhodopsin levels in autosomal dominant retinitis pigmentosa with rhodopsin mutations, 256
- Retinoblastoma**
- Retinoblastoma manifesting as orbital cellulitis, 442
- Retinopathy**
- Bone marrow transplant retinopathy, 635
- Hydroxychloroquine retinopathy, 528
- Pathologic findings of photic retinopathy in the human eye, 520
- Radiation retinopathy after standard radiotherapy for thyroid-related ophthalmopathy (letter), 600
- Retinoschisis**
- Symptomatic retinoschisis-detachment involving the macula, 8
- Rhodococcus sp.**
- Rhodococcus luteus* and *Rhodococcus erythropolis* chronic endophthalmitis after lens implantation (letter), 596
- Rhodopsin**
- Retinal function and rhodopsin levels in autosomal dominant retinitis pigmentosa with rhodopsin mutations, 256
- Rod**
- Retinal function and rhodopsin levels in autosomal dominant retinitis pigmentosa with rhodopsin mutations, 256
- S**
- Sarcoidosis**
- Isolated orbital sarcoidosis as a cause for blepharoptosis (letter), 739
- Ocular sarcoidosis manifesting as an anterior staphyloma (letter), 345

Sclera

Corneal autografts for external knots in transsclerally sutured posterior chamber lenses (letter), 353

Development of scleral ulceration and calcification after pterygium excision and mitomycin therapy (letter), 343

Residual intrascleral and intraretinal melanoma: a concern with lamellar sclerouvectomy for uveal melanoma, 590

Treatment of infectious scleritis and keratoscleritis, 543

Scleritis

Scleritis and Wegener's granulomatosis in children (correspondence), 358

Sclerouvectomy

Residual intrascleral and intraretinal melanoma: a concern with lamellar sclerouvectomy for uveal melanoma, 590

Sodium hyaluronate

The effects of denatured sodium hyaluronate on the corneal endothelium in cats, 424

Staphylococcus sp.

Anterior chamber aspirate cultures after uncomplicated cataract surgery, 278

Infectious crystalline keratopathy caused by *Candida albicans*, 322

Staphyloma

Ocular sarcoidosis manifesting as an anterior staphyloma (letter), 345

Stargardt's disease

Stiles-Crawford effect and color matching in Stargardt's disease (letter), 216

Strabismus

Differential intraocular pressure in restrictive strabismus (letter), 352

Differential intraocular pressure in restrictive strabismus, 352; correction, 618

A simple procedure for complicated strabismus (correspondence), 742

Streptococcus sp.

Bilateral nongranulomatous uveitis and a poststreptococcal syndrome (letter), 595

Streptokinase

Intraocular hemorrhage associated with intravenously administered streptokinase (letter), 734

Surgery

New instruments for submacular surgery (letter), 733

T**Tear**

Results and complications in treated retinal breaks, 623

Retinal pigment epithelial tears associated with trauma, 396

Sudden improvement of visual acuity after a retinal pigment epithelium tear (letter), 598

Telangiectasis

Retinal telangiectasis in scapulo-peroneal muscular dystrophy (letter), 348

Timolol

Evaluation of once-daily levobunolol 0.25% and timolol 0.25% therapy for increased intraocular pressure, 56

Influence of betaxolol and timolol on the visual fields of patients with glaucoma, 678

Topography analysis

Identifying progression of subclinical keratoconus by serial topography analysis, 41

Trabeculoplasty

Diode laser compared with argon laser for trabeculoplasty, 50

Diurnal intraocular pressure after successful primary laser trabeculoplasty, 67

Trauma

Retinal pigment epithelial tears associated with trauma, 396

Uveitis precipitated by nonpenetrating ocular trauma, 392

Tumor

Cytopathologic diagnosis of benign lesions simulating choroidal melanomas, 70

Management of exudative retinal detachment after plaque therapy for intraocular melanoma (letter), 92

Metastatic carcinoid tumor diagnosis from a caruncular mass (letter), 470

Ultrasonic tissue characterization of uveal melanoma and prediction of patient survival after enucleation and brachytherapy, 682

Ultrastructural and immunohistochemical features of coronal adenomas, 34

U**Ultrasonography**

B-scan ultrasonography of eyes containing intravitreal gas, 272

Therapeutic ultrasound for the treatment of glaucoma, 111:327; correction, 105

Uvea

Acute conjunctivokeratouveitis caused by latex from the pencil tree (letter), 464

Residual intrascleral and intraretinal melanoma: a concern with lamellar sclerouvectomy for uveal melanoma, 590

Ultrasonic tissue characterization of uveal melanoma and prediction of patient survival after enucleation and brachytherapy, 682

Uveitis

Analysis of local antibody production in the vitreous humor of patients with severe uveitis, 147

Anterior uveitis and hypopyon, 317

Bilateral nongranulomatous uveitis and a poststreptococcal syndrome (letter), 595

- Detection of antibodies against *Borrelia burgdorferi* in patients with uveitis, 23
- Epstein-Barr virus antibodies in multifocal choroiditis and panuveitis, 410
- Granulomatous uveitis and quinidine hypersensitivity (letter), 461
- Magnetic resonance imaging in a patient with herpes zoster keratouveitis and contralateral acute retinal necrosis (letter), 735
- Prevalence of Lyme disease among patients with uveitis (letter), 462
- Randomized, double-masked study of cyclosporine compared to prednisolone in the treatment of endogenous uveitis, 138
- Uveitis precipitated by nonpenetrating ocular trauma, 392

V

Varicella

- Varicella-zoster virus retinitis in patients with the acquired immunodeficiency syndrome, 119

Vein

- Congenital arteriovenous communications and the development of two types of leaking retinal macroaneurysms, 31

Visual acuity

- Improvement in visual acuity in chronic aphakic and pseudophakic cystoid macular edema after treatment with topical 0.5% ketorolac tromethamine, 514

- Sudden improvement of visual acuity after a retinal pigment epithelium tear (letter), 598

Visual field

- Influence of betaxolol and timolol on the visual fields of patients with glaucoma, 678

Visual-evoked potential

- Visual-evoked cortical potentials in dissociated vertical deviation, 714

Vitrectomy

- A disposable iris retractor for vitrectomy (letter), 731
- Glass-slide vitrectomy for use by the cataract surgeon (letter), 100
- Repair of retinal detachment caused by cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome, 235

Vitreous

- Analysis of local antibody production in the vitreous humor of patients with severe uveitis, 147
- B-scan ultrasonography of eyes containing intravitreal gas, 272

W

Wegener's granulomatosis

- Scleritis and Wegener's granulomatosis in children (correspondence), 358

AUTHOR INDEX

A

- AABERG, T. M.: See LOPEZ, P. F., 647
 AABERG, T. M.: See MACHEMER, R., 159
 AABERG, T. M.: See ORTIZ, R., 335
 AANDEKERK, A. L.: See TILANUS, M. D., 31
 ABRAHAM, F.: See DESATNIK, H., 464
 AKIBA, J.: See IGARASHI, H., 211
 ALFONSO, E.: See REYNOLDS, M. G., 543
 ALPER, M. G.: See WOHL, T. A., 689
 ALUL, I. H.: See HOLLAND, E. J., 414
 ALWARD, W. L. M.: See HAYNES, W. L., 463
 AMBLER, J. S., GASS, J. D. M., and GUTMAN, F. A.: Symptomatic retinoschisis-detachment involving the macula, 8
 ANDRÉASSON, S., BLENNOW, G., EHINGER, B., and STRÖMLAND, K.: Full-field electroretinograms in patients with the carbohydrate-deficient glycoprotein syndrome, 83
 APPLE, D. J.: See ASSIA, E. I., 355
 APPLE, D. J.: See ASSIA, E. I., 474
 ARFFA, R. C.: See KOWALSKI, R. P., 214
 ASHKENAZI, I.: See BARTOV, E., 357
 ASHKENAZI, I.: See DESATNIK, H., 464
 ASSIA, E. I., APPLE, D. J., TSAI, J. C., and LIM, E. S.: Reply to BUDNING, A., and ROSEN, J.: The elastic properties of the lens capsule in capsulorhexis (correspondence), 474
 ASSIA, E. I., APPLE, D. J., TSAI, J. C., and LIM, E. S.: Reply to WALTZ, K. L., and RUBIN, M. L.: The elastic properties of the lens capsule in capsulorhexis (correspondence), 355
 ATTA, H.: See BYRNE, S. F., 706
 AUGSBURGER, J. J.: See RADTKE, N. D., 92
 AVNI, I.: See DESATNIK, H., 464
 AZAZI, M., SAMUELSSON, A., LINDE, A., and FORSGREN, M.: Intrathecal antibody production against viruses of the herpesvirus family in acute retinal necrosis syndrome, 76

B

- BAARSMA, G. S., LUYENDIJK, L., KIJLSTRA, A., DE VRIES, J., PEPPERKAMP, E., MERTENS, D. A. E., and VAN MEURS, J. C.: Analysis of local antibody production in the vitreous humor of patients with severe uveitis, 147
 BARATZ, K. H., TROCME, S. D., and BOURNE, W. M.: Cold-induced corneal edema in patients with trigeminal nerve dysfunction, 548

- BARCA, L.: See NARDI, M., 742
 BARKE, R. M.: See STRAATSMA, B. R., 283
 BARLOW-ENYEDI, L., DE JUAN, E., JR., and GAITAN, A.: Reply to VAN NOUHUYS, C. E.: Ultrastructural study of Norrie's disease (correspondence), 476
 BARONDES, M. J., SPONSEL, W. E., STEVENS, T. S., and PLOTNIK, R. D.: Tuberculous choroiditis diagnosed by chorioretinal endobioscopy (letter), 460
 BARRETT, L.: See GLATT, H. J., 431
 BARTLEY, G. B., NERAD, J. A., KERSTEN, R. C., and MAGUIRE, L. J.: Congenital entropion with intact lower eyelid retractor insertion, 437
 BARTLEY, G. B., and NARR, B. J.: Preoperative medical examinations for patients undergoing ophthalmic surgery (editorial), 725
 BARTON, J. J. S.: Visual Agnosia, by Farah, M. J. (book review), 361
 BARTOV, E., HUNA, R., ASHKENAZI, I., MELAMED, S., GUTMAN, I., NAVEH, N., and TREISTER, G.: Reply to SHAPIRO, M. J., and RESNICK, K. I.: Identification, prevention, and treatment of silicone oil pupillary block after an inferior iridectomy (correspondence), 357
 BATEMAN, B. J.: See COLL, G. E., 200
 BEALLO, A.: See DUNN, J. P., 343
 BECHARA, S. J., GROSSNIKLAUS, H. E., WARING, G. O., III, and WELLS, J. A., III: Keratoconus associated with posterior polymorphous dystrophy (letter), 729
 BELFORT, R.: See RUBIN, B. I., 95
 BENNETT, S. R.: Eye Trauma, by Shingleton, B. J., Hersh, P. S., and Kenyon, K. R. (book review), 611
 BERNARD, P. J.: See HO, R. H. T., 728
 BERNSTEIN, G.: See McDONNELL, J. M., 61
 BERROCAL, M.: See GORDON, B., 385
 BERSON, E. L.: See WEINER, A., 528
 BEYER, C. F., HILL, J. M., BYRD, T. J., and KAUFMAN, H. E.: Herpes simplex denritic keratitis after keratoplasty (correspondence), 355
 BEYER, T. L.: See O'DONNELL, F. E., 221
 BHAVSAR, A.: See ZEITER, J. H., 345
 BIGLAN, A. W.: See LOCASTRO, A., 91
 BIRD, E. F.: See GOOSEY, J. D., 104
 BLASINI, M.: See SIMMONS, R. B., 671
 BLENNOW, G.: See ANDRÉASSON, S., 83
 BLOOM, J. N., GRAVISS, E. R., and MARDELLI, P. G.: Reply to VON NOORDEN, G. K.: A magnetic resonance imaging study of the upshoot-downshoot phenomenon of Duane's retraction syndrome (correspondence), 359

- BLUMENTHAL, M.: See DESATNIK, H., 464
- BOCHOW, T. W., OLK, R. J., KNUPP, J. A., and SMITH, M. E.: Spontaneous reattachment of a total retinal detachment in an infant with microphthalmos and an optic nerve coloboma (letter), 347
- BOSSO, J. A.: See OSATO, M. S., 478
- BOTTONI, F.: See STAURENGHI, G., 598
- BOURNE, W. M.: See BARATZ, K. H., 548
- BRANCATO, R., CARASSA, R., and TRABUCCHI, G.: Diode laser compared with argon laser for trabeculoplasty, 50
- BRANDT, J. D., WITTPENN, J. R., KATZ, L. J., STEINMANN, W. N., and SPAETH, G. L.: Conjunctival impression cytology in patients with glaucoma using long-term topical medication, 297
- BROD, R. D.: See HUANG, S. S., 695
- BROWN, H. H., GLASGOW, B. J., and FOOS, R. Y.: Ultrastructural and immunohistochemical features of coronal adenomas, 34
- BROWNING, D. J.: Risk of missing angle neovascularization by omitting screening gonioscopy in patients with diabetes mellitus (letter), 212
- BRUSINI, P., MEA, G. D., MIANI, F., and TOSONI, C.: Correlation of the blind spot size to the area of the optic disk and parapapillary atrophy (correspondence), 609
- BUCCI, F. A., JR., HOLLAND, E. J., and LINDSTROM, R. L.: Corneal autografts for external knots in transsclerally sutured posterior chamber lenses (letter), 353
- BUCKLEY, E. G., and TOWNSHEND, L. M.: Reply to NARDI, M., and BARCA, L.: A simple procedure for complicated strabismus (correspondence), 743
- BUDNING, A., and ROSEN, J.: The elastic properties of the lens capsule in capsulorhexis (correspondence), 474
- BULLOCK, J. D.: See MILLER, M. L., 600
- BURNIER, M.: See LOPEZ, J. S., 472
- BUYUKGEBIZ, B.: See MADEN, A., 608
- BUYUKMIHICI, N. C.: In defense of animal research (correspondence), 101
- BYRD, T. J.: See BEYER, C. F., 355
- BYRNE, S. F., GENDRON, E. K., GLASER, J. S., FEUER, W., and ATTA, H.: Diameter of normal extraocular recti muscles with echography, 706
- BYRNE, S. F.: Echographic diagnosis of dural-carotid cavernous sinus fistulas (correspondence), 740
- C**
- CAMPBELL, R. J.: See ROBERTSON, D. M., 590
- CAMPO, R. V.: See FLACH, A. J., 514
- CAPÓ, H.: See MUÑOZ, M., 352
- CAPÓ, H.: See MUÑOZ, M., 618
- CAPARAS, V. L., CINTRON, C., and HERNANDEZ-NEUFELD, M. R.: Immunohistochemistry of proteoglycans in human lamina cribrosa, 489
- CAPONE, A., JR.: See LOPEZ, P. F., 647
- CAPRIOLI, J.: See MILLER, E., 171
- CARASSA, R.: See BRANCATO, R., 50
- CARLSON, D. W., and GREEN, R. P., JR.: The career impact of keratoconus on air force aviators, 557
- CARTER, K. D.: Advances in Ophthalmic Plastic and Reconstructive Surgery, by Bosniak, S. L. and Smith, B. C. (book review), 106
- CATALANO, R. A., GOTTLÖB, I., and REINECKE, R. D.: Reply to O'DONNELL, F. E., JR.: Surgical management of oculomotor nerve palsy (correspondence), 744
- CELORIO, J. M., and PRUETT, R. C.: Reply to HYAMS, S.: Prevalence of lattice degeneration and its relation to axial length in severe myopia (correspondence), 356
- CEVIK, N.: See MADEN, A., 608
- CHAN, A. C.: See GLATT, H. J., 431
- CHAN, C. C.: See NUSSENBLATT, R. B., 138
- CHAN, C.-C.: See LOPEZ, J. S., 472
- CHANG, S.: See GORDON, B., 385
- CHAR, D. H., MILLER, T. R., and CRAWFORD, J. B.: Cytopathologic diagnosis of benign lesions simulating choroidal melanomas, 70
- CHONG, L. P.: A disposable iris retractor for vitrectomy (letter), 731
- CHOPLIN, C. N.: See SILVERSTONE, D., 56
- CINTRON, C.: See CAPARAS, V. L., 489
- CLARK, F. J.: See GEDDE, S. J., 97
- CLARKSON, J. G.: See SMIDDY, W. E., 623
- COGAN, D. G.: Kuwabara, Toichiro, 1920-1991 (obituary), 107
- COHEN, E. J.: See STRELOW, S., 657
- COKINGTIN, C. D., and HAN, D. P.: Bilateral nongranulomatous uveitis and a poststreptococcal syndrome (letter), 595
- COKINGTIN, C. D., and HYNDIUK, R. A.: Insights from experimental data on ciprofloxacin in the treatment of bacterial keratitis and ocular infections, 255
- COLEMAN, D. J.: See SILVERMAN, R. H., 105
- COLEMAN, D. J., SILVERMAN, R. H., RONDEAU, M. J., COLEMAN, J. A., ROSBERGER, D., ELLSWORTH, R. M., and LIZZI, F. L.: Ultrasonic tissue characterization of uveal melanoma and prediction of patient survival after enucleation and brachytherapy, 682
- COLEMAN, J. A.: See COLEMAN, D. J., 682
- COLEMAN, K., ROSS, M. H., MCCABE, M., COLEMAN, R., and MOONEY, D.: Disk drusen and angioid streaks in pseudoxanthoma elasticum, 166
- COLEMAN, R.: See COLEMAN, K., 166
- COLL, G. E., GOLDBERG, R. A., KRAUSS, H., and BATEMAN, B. J.: Concomitant lymphangioma and arteriovenous malformation of the orbit, 200

- COUSINS, S. W.: See YANG, C. M., 99
 CRAWFORD, J. B.: See CHAR, D. H., 70
 CROCKER, I.: See LOPEZ, P. F., 635
 CRUYSSBERG, J. R. M.: See DE LAVALETTE, V. W. R., 406
 CRUYSSBERG, J. R. M., WEVERS, R. A., and TOLBOOM, J. J. M.: Juvenile cataract associated with chronic diarrhea in pediatric cerebrotendinous xanthomatosis (letter), 606
 CRUYSSBERG, J. R. M.: See TILANUS, M. D., 31
 CUPPLES, H. P.: See FLACH, A. J., 514

D

- D'ALESSANDRO, L. P., FORSTER, D. J., and RAO, N. A.: Anterior uveitis and hypopyon, 317
 DABBS, C. K.: See LOPEZ, P. F., 635
 DAILY, M. J.: See DICKEY, J. B., 348
 DAMIANO, R. E., and FORSTOT, S. L.: Extreme corneal flattening after radial keratotomy (letter), 738
 DAVIS, J.: See PALAY, D. A., 250
 DAY, D.: See LEAHEY, A. B., 469
 DE FABER, J.-T. H. N., and VON NOORDEN, G. K.: Inferior rectus muscle palsy after retrobulbar anesthesia for cataract surgery (letter), 209
 DE FABER, J.-T. H. N., and VON NOORDEN, G. K.: Medial rectus muscle marginal myotomies for persistent esotropia, 702
 DE JUAN, E., JR.: See BARLOW-ENYEDI, L., 476
 DE LA PAZ, M. A., LEWIS, R. A., PATRINELY, J. R., MERIN, L., and GREENBERG, F.: A sibship with unusual anomalies of the eye and skeleton (Michels' syndrome), 572
 DE LAVALETTE, V. W. R., CRUYSSBERG, J. R. M., and DEUTMAN, A. F.: Familial congenital grouped pigmentation of the retina, 406
 DE SMET, M. D.: See RUBIN, B. I., 95
 DE VRIES, J.: See BAARSMA, G. S., 147
 DEPOTTER, P.: See SHIELDS, J. A., 442
 DEROSA, J. T.: See SPAIDE, R. F., 410
 DESATNIK, H., ASHKENAZI, I., AVNI, I., ABRAHAM, F., and BLUMENTHAL, M.: Acute conjunctivokeratouveitis caused by latex from the pencil tree (letter), 464
 DEUTMAN, A. F.: See DE LAVALETTE, V. W. R., 406
 DEUTMAN, A. F.: See TILANUS, M. D., 31
 DICKEY, C. F.: See METZ, H. S., 381
 DICKEY, J. B., THOMPSON, K. D., and JAY, W. M.: Anterior chamber aspirate cultures after uncomplicated cataract surgery, 278
 DICKEY, J. B., and DAILY, M. J.: Retinal telangiectasis in scapulooperoneal muscular dystrophy (letter), 348
 DISDIER, P., HARLE, J.-R., VIDAL-MORRIS, D., SAHEL, J., and WEILLER, P.-J.: Chemosis associated with Whipple's disease (letter), 217

- DORTZBACH, R. K.: See SEKHAR, G. C., 502
 DREIS, M.: See PUTNAM, D., 737
 DREWS, C.: See PALAY, D. A., 250
 DREXLER, A.: See GORDON, B., 385
 DRUMMOND, P. D.: The effect of light intensity and dose of dilute pilocarpine eyedrops on pupillary constriction in healthy subjects, 195
 DUDAK, S. D.: See STEINERT, R. F., 373
 DUGEL, P. U., LIGGETT, P. E., LEE, M. B., ZIOGAS, A., FORSTER, D. J., SMITH, R. E., and RAO, N. A.: Repair of retinal detachment caused by cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome, 235
 DUNN, J. P., SEAMONE, C. D., OSTLER, H. B., NICKEL, B. L., and BEALLO, A.: Development of scleral ulceration and calcification after pterygium excision and mitomycin therapy (letter), 343
 DUTTON, J. J.: See LEVIN, P. S., 496

E

- EHINGER, B.: See ANDRÉASSON, S., 83
 EL DIRINI, A. A., SAEDY, N.-F., OGDEN, T. E., and RYAN, S. J.: Argon laser-induced retinal herniation (letter), 602
 ELLSWORTH, R. M.: See COLEMAN, D. J., 682
 ELSÄS, T., JUNK, H., and JOHNSEN, H.: Diurnal intraocular pressure after successful primary laser trabeculoplasty, 67
 EPSTEIN, R. J.: See HOLLAND, E. J., 414
 EVERETT, A.: See SHAMI, M. J., 15

F

- FANOUS, M. M., and MARGO, C. E.: Parinaud's oculo-glandular syndrome simulating lymphoma (letter), 344
 FARRELL, T. A., WOLF, M. D., FOLK, J. C., PULIDO, J. S., and YUH, W. T.: Magnetic resonance imaging in a patient with herpes zoster keratouveitis and contralateral acute retinal necrosis (letter), 735
 FASTENBERG, D. M., SCHWARTZ, P. L., SHAKIN, J. L., and GOLUB, B. M.: Management of dislocated nuclear fragments after phacoemulsification, 535
 FAULKNER, A.: See STONECIPHER, K. G., 46
 FENDICK, M. G.: See ZUBCOV, A. A., 714
 FERNANDEZ, M. C.: See JONAS, J. B., 609
 FEUER, W.: See BYRNE, S. F., 706
 FEUER, W.: See SMIDDY, W. E., 623
 FINKELSTEIN, D.: In defense of animal research (correspondence), 101
 FLACH, A. J., JAMPOL, L. M., WEINBERG, D., KRAFF, M. C., YANNUZZI, L. A., CAMPO, R. V., NEUMANN, A. C., CUPPLES, H. P., LEFLER, W. H., PULIDO, J. S., and LAVELLE, C.: Improvement in visual acuity in chronic aphakic and pseudophakic cystoid macular edema after treatment with topical 0.5% ketorolac tromethamine, 514

- FLAMMER, J.: See MESSMER, C., 678
FLYNN, H. W.: See HUANG, S. S., 695
FLYNN, H. W., JR.: See SMIDDY, W. E., 623
FOLK, J. C.: See FARRELL, T. A., 735
FOOS, R. Y.: See BROWN, H. H., 34
FORSQREN, M.: See AZAZI, M., 76
FORSTER, D. J.: See D'ALESSANDRO, L. P., 317
FORSTER, D. J.: See DUGEL, P. U., 235
FORSTOT, S. L.: See DAMIANO, R. E., 738
FOULKS, G. N.: See LEMBACH, R. G., 103
FRANCE, T. D.: *Pediatric Ophthalmology*, ed. 3, by Nelson, L. B., Calhoun, J. H., and Harley, R. D. (eds.) (book review), 362
FRAUNFELDER, F. T.: See PUTNAM, D., 737
FREEMAN, H. M.: See MACHEMER, R., 159
FREEMAN, W.: See SHAMI, M. J., 15
FRIEDBERG, D.: See SHAMI, M. J., 15
FRUCHT-PERY, J., LEVINGER, S., and ZAUBERMAN, H.: The effect of topical administration of indomethacin on symptoms in corneal scars and edema, 186
FUNG, W. E.: Interferon alpha 2a for treatment of age-related macular degeneration (letter), 349

G

- GAITAN, A.: See BARLOW-ENYEDI, L., 476
GANS, L. A.: *Immediate Eye Care*, by Ragge, N. K., and Easty, D. L. (book review), 360
GANS, L. A.: See REDDY, V. M., 466
GARDNER, B. P., MARGOLIS, T. P., and MONDINO, B. J.: Conjunctival lymphocytic nodule associated with the Epstein-Barr virus, 567
GARRITY, J. A.: See KALINA, P. H., 358
GASS, J. D. M.: See AMBLER, J. S., 8
GASS, J. D. M.: See SMIDDY, W. E., 623
GAUDIO, A. R.: See WEINER, A., 528
GEDDE, S. J., CLARK, F. J., JOHNS, J. A., and JOHNS, K. J.: Horner's syndrome as a complication of pacemaker insertion (letter), 97
GEDDE, S. J.: See O'DAY, D. M., 562
GENDRON, E. K.: See BYRNE, S. F., 706
GLASER, J. S.: See BYRNE, S. F., 706
GLASGOW, B. J.: See BROWN, H. H., 34
GLATT, H. J., CHAN, A. C., and BARRETT, L.: Evaluation of dacryocystorhinostomy failure with computed tomography and computed tomographic dacryocystography, 431
GÓMEZ-ULLA, F., GUTIÉRREZ, C., and SEOANE, I.: Severe anaphylactic reaction to orally administered fluorescein (letter), 94
GOLDBERG, R. A.: See COLL, G. E., 200
GOLDBERG, S. H.: See MILLER, M. L., 600
GOLUB, B. M.: See FASTENBERG, D. M., 535
GONNERING, R. S.: See SEKHAR, G. C., 502
GOOSEY, C. B.: See GOOSEY, J. D., 104
GOOSEY, J. D., PRAGER, T. C., GOOSEY, C. B., BIRD, E. F., and SANDERSON, J. C.: Reply to: LEMBACH, R. G., LASS, J., and FOULKS, G. N.: A comparison of penetrating keratoplasty to epikeratoplasty in the surgical management of keratoconus (correspondence), 104
GORDON, B., CHANG, S., KAVANAGH, M., BERROCAL, M., YANNUZZI, L., ROBERTSON, C., and DREXLER, A.: The effects of lipid lowering on diabetic retinopathy, 385
GOREN, M. B.: See WEISS, J. S., 326
GOTTLIEB, M. S.: See SISON, R. F., 243
GOTTLIEB, M. S.: See SISON, R. F., 618
GOTTLOB, I.: See CATALANO, R. A., 744
GOTTLOB, I.: See ZUBCOV, A. A., 714
GRAVISS, E. R.: See BLOOM, J. N., 359
GREEN, R. P., JR.: See CARLSON, D. W., 557
GREEN, S. B.: See NUSSENBLATT, R. B., 138
GREEN, W. R., and ROBERTSON, D. M.: Pathologic findings of photic retinopathy in the human eye, 520
GREENBERG, F.: See DE LA PAZ, M. A., 572
GRITZ, D. C., and RAO, N. A.: Metastatic carcinoid tumor diagnosis from a caruncular mass (letter), 470
GROSSNIKLAUS, H. E.: See BECHARA, S. J., 729
GROSSNIKLAUS, H. E.: See LOPEZ, P. F., 647
GUNENC, U.: See MADEN, A., 608
GUSEK, G. C.: See JONAS, J. B., 609
GUTIÉRREZ, C.: See GÓMEZ-ULLA, F., 94
GUTMAN, F. A.: See AMBLER, J. S., 8
GUTMAN, I.: See BARTOV, E., 357

H

- HALPERIN, L. S.: Sneezing as an early indicator of allergy to fluorescein dye (letter), 601
HAMILTON, S. R., and LESSELL, S.: Recurrent idiopathic lateral rectus muscle palsy in adults, 540
HAN, D. P.: See COKINGTIN, C. D., 595
HARLE, J.-R.: See DISDIER, P., 217
HAUSMANN, N.: See STEFANI, F. H., 581
HAYASHI, K.: See OHASHI, Y., 419
HAYASHI, S.: See ISOGAI, E., 23
HAYNES, W. L., THOMPSON, H. S., KARDON, R. H., and ALWARD, W. L. M.: Asymmetric pigmentary dispersion syndrome mimicking Horner's syndrome (letter), 463
HEAD, W. S.: See O'DAY, D. M., 562
HERNANDEZ-NEUFELD, M. R.: See CAPARAS, V. L., 489

- HERSH, P. S.: See VOLPE, N. J., 507
 HILL, J. M.: See BEYER, C. F., 355
 HIROKAWA, H.: See IGARASHI, H., 211
 HIROSE, A.: See TANAKA, S., 632
 HO, R. H. T., BERNARD, P. J., and MCCLELLAN, K. A.:
Phialophora mutabilis keratomycosis (letter), 728
 HOLLAND, E. J.: See BUCCI, F. A., JR., 353
 HOLLAND, E. J.: See RUBIN, B. I., 95
 HOLLAND, E. J., ALUL, I. H., MEISLER, D. M.,
 EPSTEIN, R. J., ROTKIS, W. M., NATHENSON,
 A. L., and LIESEGANG, T. J.: Subepithelial
 infiltrates in *Acanthamoeba* keratitis, 414
 HOLLAND, G. N.: See MARGOLIS, T. P., 119
 HOLLAND, G. N.: See PALAY, D. A., 250
 HOLLAND, G. N.: See SISON, R. F., 243
 HOLLAND, G. N.: See SISON, R. F., 618
 HOLLENHORST, R. W.: Rucker, C. Wilber, 1900-1991
 (obituary), 223
 HORTON, J. C.: See WOHL, T. A., 689
 HORWITZ, J.: See STRAATSMA, B. R., 283
 HOYNG, C.: See TILANUS, M. D., 31
 HUANG, S. S., BROD, R. D., and FLYNN, H. W.:
 Management of endophthalmitis while pre-
 serving the uninvolved crystalline lens, 695
 HUNA, R.: See BARTOV, E., 357
 HUSTEAD, J. D.: Granulomatous uveitis and quini-
 dine hypersensitivity (letter), 461
 HYAMS, S.: Prevalence of lattice degeneration and its
 relation to axial length in severe myopia (corre-
 spondence), 356
 HYNDIUK, R. A.: See COKINGTIN, C. D., 255

I

- ICHIISHI, A.: See ISOGAI, E., 23
 IDETA, H.: See TANAKA, S., 632
 IGARASHI, H., AKIBA, J., HIROKAWA, H., and
 YOSHIDA, A.: Measurement of the radius of
 corneal curvature with the Maloney surgical
 keratometer (letter), 211
 IRVINE A. R.: See MACHEMER, R., 159
 IRVINE, A. R.: See MARGOLIS, T. P., 119
 ISOGAI, E., ISOGAI, H., KOTAKE, S., YOSHIKAWA,
 K., ICHIISHI, A., KOSAKA, S., SATO, N., HA-
 YASHI, S., OGUMA, K., and OHNO, S.: Detec-
 tion of antibodies against *Borrelia burgdorferi* in
 patients with uveitis, 23
 ISOGAI, H.: See ISOGAI, E., 23

J

- JABS, D. A.: See PALAY, D. A., 250
 JACOBSON, S. G., KEMP, C. M., SUNG, C.-H., and
 NATHANS, J.: Retinal function and rhodopsin
 levels in autosomal dominant retinitis pigmen-
 tosa with rhodopsin mutations, 256

- JAMPEL, H.: See PASQUALE, L. R., 350
 JAMPOL, L. M.: See FLACH, A. J., 514
 JAY, W. M.: See DICKEY, J. B., 278
 JENSEN, H. G.: See OSATO, M. S., 478
 JENSEN, H. G.: See STONECIPHER, K. G., 46
 JOHNS, J. A.: See GEDDE, S. J., 97
 JOHNS, K. J.: See GEDDE, S. J., 97
 JOHNSEN, H.: See ELSÄS, T., 67
 JONAS, J. B., GUSEK, G. C., and FERNANDEZ, M. C.:
 Reply to BRUSINI, P., MEA, G. D., MIANI, F.,
 and TOSONI, C.: Correlation of the blind spot
 size to the area of the optic disk and parapapil-
 lary atrophy (correspondence), 609
 JOOS, K.: Scanning Laser Ophthalmology and Tomog-
 raphy, by Nasemann, J. E., and Burk, R. O. W.
 (book review), 612
 JOSEPHBERG, R.: See MARGOLIS, T. P., 119
 JUANG, P. S. C.: See SAMPLE, P. A., 308
 JUNK, H.: See ELSÄS, T., 67

K

- KALENAK, J. W.: A physical analysis of the factors that
 determine the contour of the iris (correspon-
 dence), 219
 KALIN, N. S.: See LOPEZ, P. F., 635
 KALINA, P. H., and GARRITY, J. A.: Scleritis and
 Wegener's granulomatosis in children (corre-
 spondence), 358
 KARDON, R. H.: See HAYNES, W. L., 463
 KARENCHAK, L. M.: See KOWALSKI, R. P., 214
 KASTL, P. R.: See STONECIPHER, K. G., 46
 KATOWITZ, J. A.: See LEAHEY, A. B., 469
 KATTAH, J. C.: See WOHL, T. A., 689
 KATZ, L. J.: See BRANDT, J. D., 297
 KAUFMAN, H. E.: See BEYER, C. F., 355
 KAVANAGH, M.: See GORDON, B., 385
 KELLEY, E.: See SILVERSTONE, D., 56
 KELTNER, J. L.: See THIRKILL, C. E., 132
 KEMP, C. M.: See JACOBSON, S. G., 256
 KERSTEN, R. C.: See BARTLEY, G. B., 437
 KEUNEN, J. E. E., SMITH, V. C., POKORNY, J., and
 METS, M. B.: Stiles-Crawford effect and color
 matching in Stargardt's disease (letter), 216
 KIJLSTRA, A.: See BAARSMA, G. S., 147
 KIM, S. H.: See SHAPIRO, M. J., 401
 KIM, T.: See VOLPE, N. J., 507
 KINI, M. M.: See WEINER, A., 528
 KINOSHITA, S.: See OHASHI, Y., 419
 KINOSHITA, S.: See OHGURO, N., 424
 KINOSHITA, S.: See OHJI, M., 450
 KNIFIC, R. J.: See SNEAD, J. W., 739
 KNOCKAERT, D. C.: See MOMBAERTS, I. M., 96
 KNUPP, J. A.: See BOCHOW, T. W., 347
 KOK, J. H. C., SMULDERS, F., and VAN MIL, C.: Fitting
 of aspheric high gas-permeable rigid contact
 lenses to scarred corneas, 191

KOLSKY, M. P.: See WOHL, T. A., 689

KOSAKA, S.: See ISOGAI, E., 23

KOTAKE, S.: See ISOGAI, E., 23

KOWALSKI, R. P., PORTNOY, S. L., KARENCHAK, L. M., and ARFFA, R. C.: The evaluation of the Kodak Surecell test for the detection of ocular herpes simplex virus (letter), 214

KRAFF, M. C.: See FLACH, A. J., 514

KRAUSS, H.: See COLL, G. E., 200

KUMAR, S. R.: See STEINERT, R. F., 373

KUWAYAMA, Y.: See OHJI, M., 450

L

LAIBSON, P. R.: See STRELOW, S., 657

LAMBERT, H. M.: See LOPEZ, P. F., 647

LARRISON, W. I.: See VOLPE, N. J., 507

LASS, J.: See LEMBACH, R. G., 103

LAVELLE, C.: See FLACH, A. J., 514

LAVINE, J. B.: In defense of animal research (correspondence), 100

LEAHEY, A. B., WULC, A. E., DAY, D., UBERTI-BENZ, M., and KATOWITZ, J. A.: Canalicular obliteration from toxic epidermal necrolysis (letter), 469

LEAN, J. S.: See MACHEMER, R., 159

LEAVITT, K. G.: See STRELOW, S., 657

LEE, C. M.: See THOMAS, M. A., 733

LEE, M. B.: See DUGEL, P. U., 235

LEFLER, W. H.: See FLACH, A. J., 514

LEIBOWITZ, H. M.: Antibacterial effectiveness of ciprofloxacin 0.3% ophthalmic solution in the treatment of bacterial conjunctivitis, 295

LEIBOWITZ, H. M.: Clinical evaluation of ciprofloxacin 0.3% ophthalmic solution for treatment of bacterial keratitis, 345

LEIBOWITZ, H. M.: The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Preface, 15

LEIBOWITZ, H. M.: The role of ciprofloxacin in the antibacterial therapy of bacterial keratitis and bacterial conjunctivitis. Conclusion, 485

LEMBACH, R. G., LASS, J., and FOULKS, G. N.: A comparison of penetrating keratoplasty to epikeratoplasty in the surgical management of keratoconus (correspondence), 103

LEMKE, B. N.: See SEKHAR, G. C., 502

LESSELL, S.: See HAMILTON, S. R., 540

LEVARTOVSKY, S., and SADE, J.: Bone erosion in nasolacrimal duct obstruction (letter), 215

LEVIN, L. A., SEDDON, J. M., and TOPPING, T.: Retinal pigment epithelial tears associated with trauma, 396

LEVIN, P. S., and DUTTON, J. J.: A 20-year series of orbital exenteration, 496

LEVINGER, S.: See FRUCHT-PERY, J., 186

LEWIS, H.: See PALAY, D. A., 250

LEWIS, R. A.: See DE LA PAZ, M. A., 572

L'HERNAULT, N.: See LOPEZ, P. F., 647

LIEBMANN, J.: See WESELEY, P., 458

LIESEGANG, T. J.: See HOLLAND, E. J., 414

LIGGETT, P. E.: See DUGEL, P. U., 235

LIGHTFOOT, D. O.: See STRAATSMAN, B. R., 283

LIM, E. S.: See ASSIA, E. I., 355

LIM, E. S.: See ASSIA, E. I., 474

LIMBERG, M. B.: A review of bacterial keratitis and bacterial conjunctivitis, 25

LINDE, A.: See AZAZI, M., 76

LINDSTROM, R. L.: See BUCCI, F. A., JR., 353

LISTHAUS, A.: See SHAMI, M. J., 15

LIZZI, F. L.: See COLEMAN, D. J., 682

LOCASTRO, A., NOVAK, K. D., and BIGLAN, A. W.: Central retinal artery occlusion in a child after general anesthesia (letter), 91

LOGAN, A. G.: See MARGOLIS, T. P., 119

LOPEZ, J. S., CHAN, C.-C., BURNIER, M., RUBIN, B., and NUSSENBLATT, R. B.: Immunohistochemistry findings in primary intraocular lymphoma (letter), 472

LOPEZ, P. F., STERNBERG, P., JR., DABBS, C. K., VOGLER, W. R., CROCKER, I., and KALIN, N. S.: Bone marrow transplant retinopathy, 635

LOPEZ, P. F., GROSSNIKLAUS, H. E., LAMBERT, H. M., AABERG, T. M., CAPONE, A., JR., STERNBERG, P., JR., and L'HERNAULT, N.: Pathologic features of surgically excised subretinal neovascular membranes in age-related macular degeneration, 647

LOWDER, C. Y.: See MARGOLIS, T. P., 119

LOWE, M.: See THOMAS, M. A., 733

LOWRY, J. C.: See MAGUIRE, L. J., 41

LUBNIEWSKI, A. J.: See REDDY, V. M., 466

LUE, J.: See SILVERSTONE, D., 56

LUND, O.-E.: See STEFANI, F. H., 581

LUSTGARTEN, J. S.: See SERLE, J. B., 302

LUYENDIJK, L.: See BAARSMA, G. S., 147

M

MACARTHUR, L. J.: See SISON, R. F., 243

MACARTHUR, L. J.: See SISON, R. F., 618

MACHEMER, R., AABERG, T. M., FREEMAN, H. M., IRVINE, A. R., LEAN, J. S., and MICHELS, R. M.: An updated classification of retinal detachment with proliferative vitreoretinopathy, 159

MADEN, A., BUYUKGEBIZ, B., GUNENC, U., and CEVIK, N.: Bilateral congenital absence of pupillary aperture (letter), 608

MADION, M. P.: See SPOOR, T. C., 177

MAGUIRE, L. J.: See BARTLEY, G. B., 437

MAGUIRE, L. J., and LOWRY, J. C.: Identifying progression of subclinical keratoconus by serial topography analysis, 41

- MAGUIRE, L. J.: See MILLIN, J. A., 666
- MANABE, R.: See OHASHI, Y., 419
- MANNIS, M. J.: *Eye Surgery: An Introduction to Operative Technique*, ed. 2, by Eisner, G. (book review), 610
- MANNIS, M. J., PLOTNIK, R. D., SCHWAB, I. R., and NEWTON, R. D.: Reply to BEYER, C. F., HILL, J. M., BYRD, T. J., and KAUFMAN, H. E.: Herpes simplex dendritic keratitis after keratoplasty (correspondence), 356
- MANTELL, P. D.: See SNEAD, J. W., 739
- MARDELLI, P. G.: See BLOOM, J. N., 359
- MARGO, C. E.: See FANOUS, M. M., 344
- MARGOLIS, T. P.: See GARDNER, B. P., 567
- MARGOLIS, T. P., LOWDER, C. Y., HOLLAND, G. N., SPAIDE, R. F., LOGAN, A. G., WEISSMAN, S. S., IRVINE, A. R., JOSEPHBERG, R., MEISLER, D. M., and O'DONNELL, J. J.: Varicella-zoster virus retinitis in patients with the acquired immunodeficiency syndrome, 119
- MARTIN-ESCOBAR, E.: See TEUS, M. A., 605
- MASCIULLI, L.: See VANDER, J. F., 477
- MATSUDA, M.: See OHGURO, N., 424
- MAUDGAL, P. C.: See MOMBAERTS, I. M., 96
- MCCABE, M.: See COLEMAN, K., 166
- MCCLELLAN, K. A.: See HO, R. H. T., 728
- MCDERMOTT, M. L.: See ZEITER, J. H., 345
- MCDONNELL, J. M., WAGNER, D., NG, S. T., BERNSTEIN, G., and SUN, Y. Y.: Human papilloma-virus type 16 DNA inocular and cervical swabs of women with genital tract condylomata, 61
- MCNAB, A. A.: See SLADE, M. P., 594
- MEA, G. D.: See BRUSINI, P., 609
- MEISLER, D. M.: See HOLLAND, E. J., 414
- MEISLER, D. M.: See MARGOLIS, T. P., 119
- MELAMED, S.: See BARTOV, E., 357
- MELLOW, S. D.: See NUSSENBLATT, R. B., 138
- MERIN, L.: See DE LA PAZ, M. A., 572
- MERTENS, D. A. E.: See BAARSMA, G. S., 147
- MESSMER, C., FLAMMER, J., and STÜMPFIG, D.: Influence of betaxolol and timolol on the visual fields of patients with glaucoma, 678
- METS, M. B.: See KEUNEN, J. E. E., 216
- METZ, H. S., and DICKEY, C. F.: Treatment of unilateral acute sixth-nerve palsy with botulinum toxin, 381
- MIANI, F.: See BRUSINI, P., 609
- MICHELS, R. M.: See MACHEMER, R., 159
- MIELER, W. F.: See PALAY, D. A., 250
- MILLER-MEEKS, M.: *Myopia and the Control of Eye Growth*, by Ciba Foundation (ed.) (book review), 362
- MILLER, E., and CAPRIOLI, J.: Regional and long-term variability of fundus measurements made with computer-image analysis, 171
- MILLER, M. L., GOLDBERG, S. H., and BULLOCK, J. D.: Radiation retinopathy after standard radiotherapy for thyroid-related ophthalmopathy (letter), 600
- MILLER, N. R.: Hepatic cirrhosis as a cause of eyelid retraction (letter), 94
- MILLER, T. R.: See CHAR, D. H., 70
- MILLIN, J. A., and MAGUIRE, L. J.: Developing entry criteria for studies of severe postkeratoplasty astigmatism, 666
- MOMBAERTS, I. M., MAUDGAL, P. C., and KNOCKAERT, D. C.: Bilateral follicular conjunctivitis as a manifestation of Lyme disease (letter), 96
- MONDINO, B. J.: Collagen shields, 587
- MONDINO, B. J.: See GARDNER, B. P., 567
- MOONEY, D.: See COLEMAN, K., 166
- MUNDORF, T.: See SILVERSTONE, D., 56
- MUÑOZ, M., and CAPÓ, H.: Differential intraocular pressure in restrictive strabismus (letter), 352
- MUÑOZ, M., and CAPÓ, H.: Differential intraocular pressure in restrictive strabismus, 112: 352; correction, 618
- MURPHY, P. H.: See TROPE, G. E., 603

N

- NARDI, M., and BARCA, L.: A simple procedure for complicated strabismus (correspondence), 742
- NARR, B. J.: See BARTLEY, G. B., 725
- NATHANS, J.: See JACOBSON, S. G., 256
- NATHENSON, A. L.: See HOLLAND, E. J., 414
- NAUMANN, G. O. H.: See VON BELOW, H., 596
- NAVEH, N.: See BARTOV, E., 357
- NERAD, J. A.: See BARTLEY, G. B., 437
- NEU, H. C.: Microbiologic aspects of fluoroquinolones, 155
- NEUMANN, A. C.: See FLACH, A. J., 514
- NEWELL, F. W.: *AMERICAN JOURNAL OF OPHTHALMOLOGY: 1965-1991* (editorial), 723
- NEWELL, F. W.: *Penicillin: 1929-1991* (editorial), 207
- NEWMAN, N. M.: *Walsh and Hoyt's Clinical Neuro-Ophthalmology*, ed. 4, vol. 4, by Miller, N. R. (book review), 360
- NEWMAN, S. A.: See WALL, M., 741
- NEWTON, C.: See ROBINSON, M. J., 468
- NEWTON, R. D.: See MANNIS, M. J., 356
- NG, S. T.: See MCDONNELL, J. M., 61
- NICHOLSON, D. H.: See SMIDDY, W. E., 623
- NICKEL, B. L.: See DUNN, J. P., 343
- NISHIDA, K.: See OHASHI, Y., 419
- NOVAK, K. D.: See LOCASTRO, A., 91
- NUSSENBLATT, R. B., and PALESTINE, A. G.: Human immunodeficiency virus, herpes zoster, and the retina (editorial), 206

- NUSSENBLATT, R. B.: See LOPEZ, J. S., 472
 NUSSENBLATT, R. B., PALESTINE A. G., CHAN, C. C., STEVENS, G., MELLOW, S. D., and GREEN, S. B.: Randomized, double-masked study of cyclosporine compared to prednisolone in the treatment of endogenous uveitis, 138
 NUSSENBLATT, R. B.: See RUBIN, B. I., 95

O

- O'DAY, D. M., HEAD, W. S., ROBINSON, R. D., WILLIAMS, T. E., and GEDDE, S. J.: Anomalous effect of subconjunctival miconazole on *Candida albicans* keratitis in rabbits, 562
 O'DONNELL, F. E., and BEYER, T. L.: Delayed-onset pseudophakic endophthalmitis (correspondence), 221
 O'DONNELL, F. E., JR.: Surgical management of oculomotor nerve palsy (correspondence), 744
 O'DONNELL, J. J.: See MARGOLIS, T. P., 119
 OGDEN, T. E.: See EL DIRINI, A. A., 602
 OGUMA, K.: See ISOGAI, E., 23
 OHASHI, Y., YAMAMOTO, S., NISHIDA, K., OKAMOTO, S., KINOSHITA, S., HAYASHI, K., and MANABE, R.: Demonstration of herpes simplex virus DNA in idiopathic corneal endotheliopathy, 419
 OHGURO, N., MATSUDA, M., and KINOSHITA, S.: The effects of denatured sodium hyaluronate on the corneal endothelium in cats, 424
 OHJI, M., KINOSHITA, S., OHMI, E., and KUWAYAMA, Y.: Marked intraocular pressure response to instillation of corticosteroids in children, 450
 OHMI, E.: See OHJI, M., 450
 OHNO, S.: See ISOGAI, E., 23
 OKA, C.: See TANAKA, S., 632
 OKAMOTO, S.: See OHASHI, Y., 419
 OLK, R. J.: See BOCHOW, T. W., 347
 OLK, R. J.: See PESIN, S. R., 732
 OLK, R. J.: See REDDY, V. M., 212
 OLSEN, K. R.: See SMIDY, W. E., 623
 ORTIZ, R., and AABERG, T. M.: Human immunodeficiency virus disease epidemiology and nosocomial infection, 335
 ORZALESI, N.: See STAURENGHI, G., 598
 OSATO, M. S., JENSEN, H. G., TROUSDALE, M. D., and BOSSO, J. A.: The comparative in vitro activity of ofloxacin and selected ophthalmic antimicrobial agents against ocular bacterial isolates, 108:380; correction, 478
 OSTLER, H. B.: See DUNN, J. P., 343

P

- PALAY, D. A., STERNBERG, P., JR., DAVIS, J., LEWIS, H., HOLLAND, G. N., MIELER, W. F., JABS, D. A., and DREWS, C.: Decrease in the risk of bilateral acute retinal necrosis by acyclovir therapy, 250

- PALESTINE A. G.: See NUSSENBLATT, R. B., 138
 PALESTINE, A. G.: See NUSSENBLATT, R. B., 206
 PASCUAL, J.: See TEUS, M. A., 605
 PASQUALE, L. R., SMITH, S. G., TRABOULSI, E., and JAMPEL, H.: Spontaneous filtration blebs in a patient with microspherophakia (letter), 350
 PATEL, S.: See STEINERT, R. F., 373
 PATRINELY, J. R.: See DE LA PAZ, M. A., 572
 PEPERKAMP, E.: See BAARSMA, G. S., 147
 PEPOSE, J. S.: See REDDY, V. M., 466
 PESIN, S.: See THOMAS, M. A., 733
 PESIN, S. R., and OLK, R. J.: A comparison of three contact-lens biomicroscopy coupling solutions (letter), 732
 PLOTNIK, R. D.: See BARONDES, M. J., 460
 PLOTNIK, R. D.: See MANNIS, M. J., 356
 Podos, S. M.: See SERLE, J. B., 302
 POKORNY, J.: See KEUNEN, J. E. E., 216
 PORTNOY, S. L.: See KOWALSKI, R. P., 214
 PRAGER, T. C.: See GOOSEY, J. D., 104
 PRATT, S.: Eyelid Surgery, by Rathbaum, E. (book review), 612
 PRUETT, R. C.: See CELORIO, J. M., 356
 PULIAFITO, C. A.: See STEINERT, R. F., 373
 PULIDO, J. S.: See FARRELL, T. A., 735
 PULIDO, J. S.: See FLACH, A. J., 514
 PUTNAM, D., FRAUNFELDER, F. T., and DREIS, M.: Metronidazole and optic neuritis (letter), 737

R

- RADTKE, N. D., AUGSBURGER, J. J., and SCHMITT, T.: Management of exudative retinal detachment after plaque therapy for intraocular melanoma (letter), 92
 RAHN, D. W.: See ROSENBAUM, J. T., 462
 RAMOCKI, J. M.: See SPOOR, T. C., 177
 RAMOCKI, J. M.: See SPOOR, T. C., 741
 RAO, N. A.: See D'ALESSANDRO, L. P., 317
 RAO, N. A.: See DUGEL, P. U., 235
 RAO, N. A.: See GRITZ, D. C., 470
 REDDY, V. M., ZAMORA, R., and OLK, R. J.: A comparison of the size of the burn produced by Rodenstock and Goldmann contact lenses (letter), 212
 REDDY, V. M., PEPOSE, J. S., LUBNIEWSKI, A. J., GANS, L. A., and SMITH, M. E.: Concurrent chlamydial and *Acanthamoeba* keratoconjunctivitis (letter), 466
 REINECKE, R. D.: See CATALANO, R. A., 744
 REINECKE, R. D.: See ZUBCOV, A. A., 714
 RESNICK, K. I.: See SHAPIRO, M. J., 357
 RESNICK, K. I.: See SHAPIRO, M. J., 401
 REYNOLDS, M. G., and ALFONSO, E.: Treatment of infectious scleritis and keratoscleritis, 543

- RITCH, R.: See WESELEY, P., 458
 ROBERTSON, C.: See GORDON, B., 385
 ROBERTSON, D. M.: See GREEN, W. R., 520
 ROBERTSON, D. M., CAMPBELL, R. J., and WEAVER, D. T.: Residual intrascleral and intraretinal melanoma: a concern with lamellar sclerouvectomy for uveal melanoma, 590
 ROBERTSON, J. E., JR.: See ROSENBAUM, J. T., 392
 ROBINSON, M. J., and NEWTON, C.: Bilateral herpes simplex keratitis in a patient with graft-vs-host disease (letter), 468
 ROBINSON, N. M.: See WILHELMUS, K. R., 322
 ROBINSON, R. D.: See O'DAY, D. M., 562
 RODMAN, H.: Fourteenth Biennial Meeting of the Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, 613
 RONDEAU, M. J.: See COLEMAN, D. J., 682
 RONDEAU, M. J.: See SILVERMAN, R. H., 105
 ROSBERGER, D.: See COLEMAN, D. J., 682
 ROSE, A.: See SILVERSTONE, D., 56
 ROSEN, J.: See BUDNING, A., 474
 ROSENBAUM, J. T., and RAHN, D. W.: Prevalence of Lyme disease among patients with uveitis (letter), 462
 ROSENBAUM, J. T., TAMMARO, J., and ROBERTSON, J. E., JR.: Uveitis precipitated by nonpenetrating ocular trauma, 392
 ROSS, M. H.: See COLEMAN, K., 166
 ROTH, A. M.: See THIRKILL, C. E., 132
 ROTKIS, W. M.: See HOLLAND, E. J., 414
 ROWSEY, J. J.: See STONECIPHER, K. G., 46
 RUBIN, B.: See LOPEZ, J. S., 472
 RUBIN, B. I., HOLLAND, E. J., DE SMET, M. D., BELFORT, R., and NUSSENBLATT, R. B.: Response of reactivated ligneous conjunctivitis to topical cyclosporine (letter), 95
 RUBIN, M. L.: See WALTZ, K. L., 354
 RYAN, S. J.: See EL DIRINI, A. A., 602

S

- SADE, J.: See LEVARTOVSKY, S., 215
 SAEDY, N.-F.: See EL DIRINI, A. A., 602
 SAHEL, J.: See DISDIER, P., 217
 SAMPLE, P. A., JUANG, P. S. C., and WEINREB, R. N.: Isolating the effects of primary open-angle glaucoma on the contrast sensitivity function, 308
 SAMUELSSON, A.: See AZAZI, M., 76
 SANDBERG, M. A.: See WEINER, A., 528
 SANDERSON, J. C.: See GOOSEY, J. D., 104
 SASAKI, K.: See TANAKA, S., 632
 SATO, N.: See ISOGAI, E., 23
 SCHAAL, K. P.: See VON BELOW, H., 596
 SCHANZER, M. C.: Color Atlas of Lens Implantation, by Percival, P. (ed.) (book review), 610
 SCHECHTER, R. J.: Glass-slide vitrectomy for use by the cataract surgeon (letter), 100
 SCHECHTER, R. J.: Mixing fortified antibiotic eye-drops (letter), 459
 SCHECHTER, R. J.: Mixing fortified antibiotic eye-drops, 450; correction, 754
 SCHMITT, T.: See RADTKE, N. D., 92
 SCHROEDER, R. P.: See SHIELDS, J. A., 442
 SCHWAB, I. R.: See MANNIS, M. J., 356
 SCHWARTZ, P. L.: See FASTENBERG, D. M., 535
 SEAMONE, C. D.: See DUNN, J. P., 343
 SEDDON, J. M.: See LEVIN, L. A., 396
 SEIDENSTEIN, L.: See SNEAD, J. W., 739
 SEKHAR, G. C., DORTZBACH, R. K., GONNERING, R. S., and LEMKE, B. N.: Problems associated with conjunctivodacryocystorhinostomy, 502
 SEOANE, I.: See GÓMEZ-ULLA, F., 94
 SERLE, J. B., LUSTGARTEN, J. S., and PODOS, S. M.: A clinical trial of metipranolol, a noncardioselective beta-adrenergic antagonist, in ocular hypertension, 302
 SHAKIN, J. L.: See FASTENBERG, D. M., 535
 SHAMI, M. J., FREEMAN, W., FRIEDBERG, D., SIDERIDES, E., LISTHAUS, A., and EVERETT, A.: A multicenter study of *Pneumocystis* choroidopathy, 15
 SHAPIRO, M. J., and RESNICK, K. I.: Identification, prevention, and treatment of silicone oil pupillary block after an inferior iridectomy (correspondence), 357
 SHAPIRO, M. J., RESNICK, K. I., KIM, S. H., and WEINBERG, A.: Management of the dislocated crystalline lens with a perfluorocarbon liquid, 401
 SHIELDS, C. L.: See SHIELDS, J. A., 442
 SHIELDS, J. A., SHIELDS, C. L., SUVARNAMANI, C., SCHROEDER, R. P., and DEPOTTER, P.: Retinoblastoma manifesting as orbital cellulitis, 442
 SHIELDS, M. B.: Klein, Harvey Z. 1931-1991 (obituary), 481
 SHIELDS, M. B.: See SIMMONS, R. B., 671
 SHINGLETON, B. J.: See VOLPE, N. J., 507
 SHOVLIN, J.: See ZWEIFACH, P. H., 597
 SIDERIDES, E.: See SHAMI, M. J., 15
 SIEGEL, M. J.: See ZEITER, J. H., 345
 SIEVING, P. A.: See SNEED, S. R., 1
 SILVERMAN, R. H.: See COLEMAN, D. J., 682
 SILVERMAN, R. H., VOGELSSANG, B., RONDEAU, M. J., and COLEMAN, D. J.: Therapeutic ultrasound for the treatment of glaucoma, 111:327; correction, 105
 SILVERSTONE, D., ZIMMERMAN, T., CHOPLIN, C. N., MUNDORF, T., ROSE, A., STOECKER, J., KELLEY, E., and LUE, J.: Evaluation of once-daily levobunolol 0.25% and timolol 0.25% therapy for increased intraocular pressure, 56

- SIMMONS, R. B., SHIELDS, M. B., BLASINI, M., WILKERSON, M., and STERN, R. A.: Transscleral Nd:YAG laser cyclophotocoagulation with a contact lens, 671
- SISON, R. F., HOLLAND, G. N., MACARTHUR, L. J., WHEELER, N. C., and GOTTLIEB, M. S.: Cytomegalovirus retinopathy as the initial manifestation of the acquired immunodeficiency syndrome, 243
- SISON, R. F., HOLLAND, G. N., MACARTHUR, L. J., WHEELER, N. C., and GOTTLIEB, M. S.: Cytomegalovirus retinopathy as the initial manifestation of the acquired immunodeficiency syndrome, 112: 243; correction, 618
- SLADE, M. P., and McNAB, A. A.: Fatal mucormycosis therapy associated with deferoxamine (letter), 594
- SMIDDY, W. E., FLYNN, H. W., JR., NICHOLSON, D. H., CLARKSON, J. G., GASS, J. D. M., OLSEN, K. R., and FEUER, W.: Results and complications in treated retinal breaks, 623
- SMITH, M. E.: See BOCHOW, T. W., 347
- SMITH, M. E.: See REDDY, V. M., 466
- SMITH, R. E.: See DUGEL, P. U., 235
- SMITH, S. G.: See PASQUALE, L. R., 350
- SMITH, V. C.: See KEUNEN, J. E. E., 216
- SMULDERS, F.: See KOK, J. H. C., 191
- SNEAD, J. W., SEIDENSTEIN, L., KNIFIC, R. J., MANTELL, P. D., and WOJNO, T. H.: Isolated orbital sarcoidosis as a cause for blepharoptosis (letter), 739
- SNEED, S. R., and SIEVING, P. A.: Fenestrated sheen macular dystrophy, 1
- SPAETH, G. L.: See BRANDT, J. D., 297
- SPAIDE, R. F., SUGIN, S., YANNUZZI, L. A., and DEROSA, J. T.: Epstein-Barr virus antibodies in multifocal choroiditis and panuveitis, 410
- SPAIDE, R. F.: See MARGOLIS, T. P., 119
- SPECTOR, R. H.: Reply to BYRNE, S. F.: Echographic diagnosis of dural-carotid cavernous sinus fistulas (correspondence), 740
- SPENCER, W. H.: The American Board of Ophthalmology turns 75 (editorial), 455
- SPONSEL, W. E.: See BARONDES, M. J., 460
- SPOOR, T. C., WILKINSON, M. J., and RAMOCKI, J. M.: Reply to WALL, M., and NEWMAN, S. A.: Optic nerve sheath decompression for the treatment of progressive nonarteritic ischemic optic neuropathy (correspondence), 741
- SPOOR, T. C., RAMOCKI, J. M., MADION, M. P., and WILKINSON, M. J.: Treatment of pseudotumor cerebri by primary and secondary optic nerve sheath decompression, 177
- STAURENGHI, G., BOTTONI, F., and ORZALESI, N.: Sudden improvement of visual acuity after a retinal pigment epithelium tear (letter), 598
- STEFANI, F. H., HAUSMANN, N., and LUND, O.-E.: Unilateral diplophthalmos, 581
- STEINERT, R. F.: Current therapy for bacterial keratitis and bacterial conjunctivitis, 105
- STEINERT, R. F., PULIAFITO, C. A., KUMAR, S. R., DUDAK, S. D., and PATEL, S.: Cystoid macular edema, retinal detachment, and glaucoma after Nd:YAG laser posterior capsulotomy, 373
- STEINMANN, W. N.: See BRANDT, J. D., 297
- STERN, R. A.: See SIMMONS, R. B., 671
- STERNBERG, P., JR.: See PALAY, D. A., 250
- STERNBERG, P., JR.: See LOPEZ, P. F., 635
- STERNBERG, P., JR.: See LOPEZ, P. F., 647
- STEVENS, G.: See NUSSENBLATT, R. B., 138
- STEVENS, T. S.: See BARONDES, M. J., 460
- STÜMPFIG, D.: See MESSMER, C., 678
- STOECKER, J.: See SILVERSTONE, D., 56
- STONECIPHER, K. G., JENSEN, H. G., KASTL, P. R., FAULKNER, A., and ROWSEY, J. J.: Ocular infections associated with *Comamonas acidovorans*, 46
- STRAATSMA, B. R., LIGHTFOOT, D. O., BARKE, R. M., and HORWITZ, J.: Lens capsule and epithelium in age-related cataract, 283
- STRELOW, S., COHEN, E. J., LEAVITT, K. G., and LAIBSON, P. R.: Corneal topography for selective suture removal after penetrating keratoplasty, 657
- STRÖMLAND, K.: See ANDRÉASSON, S., 83
- SUGIN, S.: See SPAIDE, R. F., 410
- SUN, Y. Y.: See McDONNELL, J. M., 61
- SUNDERRAJ, P.: Intraocular hemorrhage associated with intravenously administered streptokinase (letter), 734
- SUNG, C.-H.: See JACOBSON, S. G., 256
- SUVARNAMANI, C.: See SHIELDS, J. A., 442

T

- TAKEMOTO, D. J.: See THIRKILL, C. E., 132
- TAMMARO, J.: See ROSENBAUM, J. T., 392
- TANAKA, S., IDETA, H., YONEMOTO, J., SASAKI, K., HIROSE, A., and OKA, C.: Neovascularization of the Iris in Rhegmatogenous Retinal Detachment, 632
- TERUEL, J. L.: See TEUS, M. A., 605
- TEUS, M. A., TERUEL, J. L., PASCUAL, J., and MARTINESCOBAR, E.: Corticosteroid-induced toxic optic neuropathy (letter), 605
- THIRKILL, C. E., ROTH, A. M., TAKEMOTO, D. J., TYLER, N. K., and KELTNER, J. L.: Antibody indications of secondary and superimposed retinal hypersensitivity in retinitis pigmentosa, 132
- THOMAS, M. A., LEE, C. M., PESIN, S., and LOWE, M.: New instruments for submacular surgery (letter), 733

- THOMPSON, H. S.: See HAYNES, W. L., 463
 THOMPSON, H. S.: The Fine Art of Prescribing Glasses, Without Making a Spectacle of Yourself, by Milder, B., and Rubin, M. L. (book review), 745
 THOMPSON, K. D.: See DICKEY, J. B., 278
 TIEDEMAN, J. S.: Reply to KALENAK, J. W.: A physical analysis of the factors that determine the contour of the iris (correspondence), 220
 TILANUS, M. D., HOYNG, C., DEUTMAN, A. F., CRUYSBERG, J. R. M., and AANDEKERK, A. L.: Congenital arteriovenous communications and the development of two types of leaking retinal macroaneurysms, 31
 TOLBOOM, J. J. M.: See CRUYSBERG, J. R. M., 606
 TOPPING, T.: See LEVIN, L. A., 396
 TOSONI, C.: See BRUSINI, P., 609
 TOWNSHEND, L. M.: See BUCKLEY, E. G., 743
 TRABOULSI, E.: See PASQUALE, L. R., 350
 TRABUCCHI, G.: See BRANCATO, R., 50
 TREISTER, G.: See BARTOV, E., 357
 TROCME, S. D.: See BARATZ, K. H., 548
 TROPE, G. E., and MURPHY, P. H.: Immediate pressure effects of Nd:YAG cyclocoagulation (letter), 603
 TROUSDALE, M. D.: See OSATO, M. S., 478
 TSAI, J. C.: See ASSIA, E. I., 355
 TSAI, J. C.: See ASSIA, E. I., 474
 TYLER, N. K.: See THIRKILL, C. E., 132

U

- UBERTI-BENZ, M.: See LEAHEY, A. B., 469

V

- VAN BUSKIRK, E. M.: The laser step in early glaucoma therapy, 87
 VAN MEURS, J. C.: See BAARSMA, G. S., 147
 van MIL, C.: See KOK, J. H. C., 191
 VAN NOUHUYS, C. E.: Ultrastructural study of Norrie's disease (correspondence), 475
 VANDER, J. F., and MASCIULLI, L.: Unilateral frosted branch angitis (correspondence), 477
 VIDAL-MORRIS, D.: See DISDIER, P., 217
 VOGELSANG, B.: See SILVERMAN, R. H., 105
 VOGLER, W. R.: See LOPEZ, P. F., 635
 VOLPE, N. J., LARRISON, W. L., HERSH, P. S., KIM, T., and SHINGLETON, B. J.: Secondary hemorrhage in traumatic hyphema, 507
 VON BELOW, H., WILK, C. M., SCHAAL, K. P., and NAUMANN, G. O. H.: *Rhodococcus luteus* and *Rhodococcus erythropolis* chronic endophthalmitis after lens implantation (letter), 596
 VON NOORDEN, G. K.: A magnetic resonance imaging study of the upshoot-downshoot phenomenon of Duane's retraction syndrome (correspondence), 358
 VON NOORDEN, G. K.: See DE FABER, J.-T. H. N., 209

- VON NOORDEN, G. K.: See DE FABER, J.-T. H. N., 702
 VON NOORDEN, G. K.: Reply to: LAVINE, J. B., FINKELSTEIN, D., and BUYUKMIHCI, N. C.: In defense of animal research (correspondence), 103

W

- WAGNER, D.: See McDONNELL, J. M., 61
 WALL, M., and NEWMAN, S. A.: Optic nerve sheath decompression for the treatment of progressive nonarteritic ischemic optic neuropathy (correspondence), 741
 WALTZ, K. L., and RUBIN, M. L.: The elastic properties of the lens capsule in capsulorhexis (correspondence), 354
 WARING, G. O., III: See BECHARA, S. J., 729
 WEAVER, D. T.: See ROBERTSON, D. M., 590
 WEILLER, P.-J.: See DISDIER, P., 217
 WEINBERG, A.: See SHAPIRO, M. J., 401
 WEINBERG, D.: See FLACH, A. J., 514
 WEINER, A., SANDBERG, M. A., GAUDIO, A. R., KINI, M. M., and BERSON, E. L.: Hydroxychloroquine retinopathy, 528
 WEINREB, R. N.: See SAMPLE, P. A., 308
 WEINSTOCK, F. J.: Visual Impairment: An Overview, by Bailey, I. L. and Hall, A. (book review), 106
 WEISS, J. S., and GOREN, M. B.: The effect of corneal hypesthesia on the duration of proparacaine anesthetic eyedrops, 326
 WEISSMAN, S. S.: See MARGOLIS, T. P., 119
 WELLS, J. A., III: See BECHARA, S. J., 729
 WESELEY, P., LIEBMANN, J., and RITCH, R.: Rhegmatogenous retinal detachment after initiation of Ocuser therapy (letter), 458
 WEVERS, R. A.: See CRUYSBERG, J. R. M., 606
 WHEELER, N. C.: See SISON, R. F., 243
 WHEELER, N. C.: See SISON, R. F., 618
 WHITACRE, M. M.: B-scan ultrasonography of eyes containing intravitreal gas, 272
 WILHELMUS, K. R., and ROBINSON, N. M.: Infectious crystalline keratopathy caused by *Candida albicans*, 322
 WILK, C. M.: See VON BELOW, H., 596
 WILKERSON, M.: See SIMMONS, R. B., 671
 WILKINSON, M. J.: See SPOOR, T. C., 177
 WILKINSON, M. J.: See SPOOR, T. C., 741
 WILLIAMS, T. E.: See O'DAY, D. M., 562
 WITTPENN, J. R.: See BRANDT, J. D., 297
 WIZOV, S. S.: See ZUBCOV, A. A., 714
 WOHL, T. A., KATTAH, J. C., KOLSKY, M. P., ALPER, M. G., and HORTON, J. C.: Hemianopsia from occipital lobe abscess after dental care, 689
 WOJNO, T. H.: See SNEAD, J. W., 739
 WOLF, M. D.: See FARRELL, T. A., 735
 WULC, A. E.: See LEAHEY, A. B., 469

Y

- YAMAMOTO, S.: See OHASHI, Y., 419
YANG, C. M., and COUSINS, S. W.: Fate of the fellow eye after *Propionibacterium acnes* endophthalmitis (letter), 99
YANNUZZI, L.: See GORDON, B., 385
YANNUZZI, L. A.: See FLACH, A. J., 514
YANNUZZI, L. A.: See SPAIDE, R. F., 410
YONEMOTO, J.: See TANAKA, S., 632
YOSHIDA, A.: See IGARASHI, H., 211
YOSHIKAWA, K.: See ISOGAI, E., 23
YUH, W. T.: See FARRELL, T. A., 735

Z

- ZAMORA, R.: See REDDY, V. M., 212
ZAUBERMAN, H.: See FRUCHT-PERY, J., 186
ZEITER, J. H., BHAVSAR, A., McDERMOTT, M. L., and SIEGEL, M. J.: Ocular sarcoidosis manifesting as an anterior staphyloma (letter), 345
ZIMMERMAN, T.: See SILVERSTONE, D., 56
ZIOGAS, A.: See DUGEL, P. U., 235
ZUBCOV, A. A., FENDICK, M. G., GOTTLÖB, I., WIZOV, S. S., and REINECKE, R. D.: Visual-evoked cortical potentials in dissociated vertical deviation, 714
ZWEIFACH, P. H., and SHOVLIN, J.: Retinal nerve fiber layer infarct in a patient with babesiosis (letter), 597

ABSTRACT INDEX

A

Acquired immunodeficiency syndrome

Neuro-ophthalmologic signs of AIDS: 50 patients, 486

Prevalence of HIV infection in childbearing women in the United States. Surveillance using newborn blood samples, 364

Acute retinal necrosis

Factors associated with poor visual outcome in acute retinal necrosis, 753

Aging

Lenses of diabetic patients "yellow" at an accelerated rate similar to older normals, 111

Anesthesia

Comparison of retrobulbar and periocular injections of lignocaine by computerised tomography, 615

A double-masked evaluation of lignocaine-prilocaine cream (EMLA) used to alleviate the pain of retrobulbar injection, 225

Angiography

Differences in the use of procedures between women and men hospitalized for coronary heart disease, 751

Aspirin

A prospective study of aspirin use and primary prevention of cardiovascular disease in women, 617

Astigmatism

Astigmatism after small incision cataract surgery. A prospective, randomized, multicenter comparison of 4- and 6.5-mm incisions, 365

Survey of the optical quality of intraocular lens implants, 225

Atherosclerosis

Serum lipids and lipoproteins are less powerful predictors of extracranial carotid artery atherosclerosis than are cigarette smoking and hypertension, 230

Atropine

Visual hallucinations on eye closure associated with atropine toxicity. A neurological analysis and comparison with other visual hallucinations, 368

B

Biomicroscopy

Clinical use of ultrasound biomicroscopy, 226

Borrelia sp.

Frequency and clinical significance of Lyme seropositivity in patients with isolated optic neuritis, 231

Botulinum toxin

Early botulinum toxin treatment of acute sixth nerve palsy, 230

C

Capsulotomy

Investigations on diathermy for anterior capsulotomy, 615

Cardiovascular disease

A prospective study of aspirin use and primary prevention of cardiovascular disease in women, 617

Carotid

Beneficial effect of carotid endarterectomy in symptomatic patients with high-grade carotid stenosis, 750

The ocular ischemic syndrome. III. Visual prognosis and the effect of treatment, 113

Serum lipids and lipoproteins are less powerful predictors of extracranial carotid artery atherosclerosis than are cigarette smoking and hypertension, 230

Cataract

Astigmatism after small incision cataract surgery. A prospective, randomized, multicenter comparison of 4- and 6.5-mm incisions, 365

The development of cataract in children as a late side-effect of bone marrow transplantation, 615

The Lens Opacities Case-Control Study. Risk factors for cataract, 110

National outcomes of cataract extraction I. Retinal detachment after inpatient surgery, 483

Phenylketonuria does not cause cataracts, 615

Risk factors for age-related cortical, nuclear, and posterior subcapsular cataracts, 483

Children

The development of cataract in children as a late side-effect of bone marrow transplantation, 615

Effect of very low birth weight and subnormal head size on cognitive abilities at school age, 748

Eyedrop instillation for reluctant children, 616

Cholesterol

The hypocholesterolemic effects of β -glucan in oatmeal and oat bran. A dose-controlled study, 367

A prospective study of cholesterol, apolipoproteins, and the risk of myocardial infarction, 751

Cicatricial pemphigoid

Ocular cicatricial pemphigoid occurring as a sequela of Stevens-Johnson syndrome, 753

Cluster headache

Treatment of acute cluster headache with sumatriptan, 749

Color vision

Deficiencies in human neonates' color vision: photoreceptor and neural explanations, 748

Cone

Nyctalopia with normal rod function: A suppression of cones by rods, 227

Contact lens

The incidence of ulcerative keratitis among aphakic contact lens wearers in New England, 226

Cornea

Clinical use of the 193-nm excimer laser in the treatment of corneal scars, 364

Corneal deposits associated with flecainide, 485

Detection of herpes simplex virus thymidine kinase and latency-associated transcript gene sequences in human herpetic corneas by polymerase chain reaction amplification, 484

Visual disturbances in man as a result of experimental and occupational exposure to dimethylethylamine, 114

Coronary heart disease

Differences in the use of procedures between women and men hospitalized for coronary heart disease, 751

Sex differences in the management of coronary artery disease, 751

Corticosteroid

Use of cyclosporin in the management of steroid dependent non-necrotising scleritis, 485

Cyclosporine

Use of cyclosporin in the management of steroid dependent non-necrotising scleritis, 485

D**Deviation**

Prognostic significance of conjugate eye deviation in stroke patients, 368

Dexamethasone

The effect of dexamethasone on glycosaminoglycans of human trabecular meshwork in perfusion organ culture, 110

Diabetes

The Lens Opacities Case-Control Study. Risk factors for cataract, 110

Lenses of diabetic patients "yellow" at an accelerated rate similar to older normals, 111

Long-term follow-up of diabetic retinopathy for up to 71 months after combined renal and pancreatic transplantation, 484

Diabetes mellitus

Retinal circulation times in diabetes mellitus type 1, 618

Diabetic retinopathy

Long-term follow-up of diabetic retinopathy for up to 71 months after combined renal and pancreatic transplantation, 484

Long-term survival rate after vitreous surgery for complications of diabetic retinopathy, 111

Diagnostics

The plain radiograph in ophthalmology: a wasteful and potentially dangerous anachronism, 115

Diathermy

Investigations on diathermy for anterior capsulotomy, 615

Dopamine

Effects of apomorphine, a dopamine receptor agonist, on ocular refraction and axial elongation in a primate model of myopia, 231

Doppler

Differentiation of detached retina and vitreous membrane with color flow Doppler, 113

E**Endarterectomy**

Beneficial effect of carotid endarterectomy in symptomatic patients with high-grade carotid stenosis, 750

Epithelium

Removal of lens epithelial cells by dispersion with enzymatic treatment followed by aspiration, 747

Erythropoietin

Erythropoietin and visual hallucinations, 752

Eye injuries

Eye injuries among pennant squash players and their attitudes towards protective eyewear, 113

Eyedrops

Eyedrop instillation for reluctant children, 616

Eyelid

Ocular manifestations in fetal alcohol syndrome, 747

F**Fetal alcohol syndrome**

Ocular manifestations in fetal alcohol syndrome, 747

Fluorescein

Prognostic factors in idiopathic preretinal macular fibrosis, 369

G**Gender**

Differences in the use of procedures between women and men hospitalized for coronary heart disease, 751

Sex differences in the management of coronary artery disease, 751

Glaucoma

Mood disorders in patients with chronic simple glaucoma, 370

Retinal ganglion cell loss is size dependent in experimental glaucoma, 231

Glioblastoma

Glioblastomas in New England ophthalmologists, 484

Glycosaminoglycans

The effect of dexamethasone on glycosaminoglycans of human trabecular meshwork in perfusion organ culture, 110

Granuloma

Metipranolol-associated granulomatous anterior uveitis, 753

Graves' disease

Administration of thyroxine in treated Graves' disease. Effects on the level of antibodies to thyroid-stimulating hormone receptors and on the risk of recurrence of hyperthyroidism, 369

H**Health care**

Analyzing hospital mortality. The consequences of diversity in patient mix., 367

Health care costs

A call for action. The Pepper Commission's blueprint for health care reform, 482

Can physician education lower the cost of prescription drugs? A prospective controlled trial, 617

The deteriorating administrative efficiency of the U.S. health care system, 366

Hospital cost containment in the 1980s. Hard lessons learned and prospects for the 1990s, 227

How well has Canada contained the costs of doctoring?, 228

Liberal benefits, conservative spending. The physicians for a national health program proposal, 482

Uncompensated and discounted Medicaid care provided by physician group practices in Wisconsin, 482

Health care delivery

Preoperative laboratory screening in healthy Mayo patients: Cost-effective elimination of tests and unchanged outcomes, 109

A prospective study of advance directives for life-sustaining care, 229

Hemorrhage

Long-term follow-up of diabetic retinopathy for up to 71 months after combined renal and pancreatic transplantation, 484

Herpes simplex

Detection of herpes simplex virus thymidine kinase and latency-associated transcript gene sequences in human herpetic corneas by polymerase chain reaction amplification, 484

Herpes zoster

Preherpetic neuralgia, 749

Human immunodeficiency virus

Prevalence of HIV infection in childbearing women in the United States. Surveillance using newborn blood samples, 364

Trends of HIV seroconversion among young adults in the US Army 1985 to 1989, 364

Hydrocephalus

Ophthalmic complications of spina bifida and hydrocephalus, 747

Hyperthyroidism

Administration of thyroxine in treated Graves' disease. Effects on the level of antibodies to thyroid-stimulating hormone receptors and on the risk of recurrence of hyperthyroidism, 369

I**Indomethacin**

Topical indomethacin for vernal keratoconjunctivitis, 365

Infants

Deficiencies in human neonates' color vision: photoreceptor and neural explanations, 748

Effect of very low birth weight and subnormal head size on cognitive abilities at school age, 748

Incidence and characteristics of retinopathy of prematurity in a low-income inner-city population, 112

Prevalence of HIV infection in childbearing women in the United States. Surveillance using newborn blood samples, 364

Visual acuity in infants after vitrectomy for severe retinopathy of prematurity, 111

Intraocular lens

Survey of the optical quality of intraocular lens implants, 225

Use of high-density vitreous substitutes in the removal of posteriorly dislocated lenses or intraocular lenses, 747

Ischemia

High frequency of asymptomatic visual field defects in subjects with transient ischaemic attacks or minor strokes, 750

The ocular ischemic syndrome. III. Visual prognosis and the effect of treatment, 113

K**Keratitis**

The incidence of ulcerative keratitis among aphakic contact lens wearers in New England, 226

Keratoconjunctivitis

Topical indomethacin for vernal keratoconjunctivitis, 365

Keratoepithelioplasty

Long-term results of keratoepithelioplasty in Mooren's ulcer, 365

L**Lacrimal apparatus**

Review of lacrimal gland lesions, 114

Laser

Clinical use of the 193-nm excimer laser in the treatment of corneal scars, 364

Lens

Lenses of diabetic patients "yellow" at an accelerated rate similar to older normals, 111

Removal of lens epithelial cells by dispersion with enzymatic treatment followed by aspiration, 747

Use of high-density vitreous substitutes in the removal of posteriorly dislocated lenses or intraocular lenses, 747

Lisch nodules

Lisch nodules in neurofibromatosis type I, 369

Lyme borreliosis

Frequency and clinical significance of Lyme seropositivity in patients with isolated optic neuritis, 231

M

Macular fibrosis

Prognostic factors in idiopathic preretinal macular fibrosis, 369

Medical education

Can physician education lower the cost of prescription drugs? A prospective controlled trial, 617

Do house officers learn from their mistakes?, 229

Medical educators' views on medical education reform, 109

The origin of the full-time faculty system. Implications for clinical research, 228

Medical legislation

Qui Tam: Suing physicians who make false claims, 483

Medicolegal practice

Beyond the Cruzan case: The U.S. Supreme Court and medical practice, 366

Metipranolol

Metipranolol-associated granulomatous anterior uveitis, 753

Migraine

Treatment of acute migraine with subcutaneous sumatriptan, 486

Treatment of migraine attacks with sumatriptan, 749

Mooren's ulcer

Long-term results of keratoepithelioplasty in Mooren's ulcer, 365

Mortality

Analyzing hospital mortality. The consequences of diversity in patient mix., 367

Muscle

Superior oblique palsy: Results of surgery in 443 cases, 617

Myopia

Effects of apomorphine, a dopamine receptor agonist, on ocular refraction and axial elongation in a primate model of myopia, 231

N

Nerve

The effect of transcutaneous electrical nerve stimulation on ocular pain, 748

Neuralgia

Preherpetic neuralgia, 749

Neurofibromatosis

Lisch nodules in neurofibromatosis type I, 369

Night blindness

Nyctalopia with normal rod function: A suppression of cones by rods, 227

Nyctalopia

Nyctalopia with normal rod function: A suppression of cones by rods, 227

Nystagmus

Acquired pendular nystagmus in toluene addiction, 115

Congenital-type nystagmus emerging in later life, 230

O

Optic neuritis

Frequency and clinical significance of Lyme seropositivity in patients with isolated optic neuritis, 231

Orbit

The plain radiograph in ophthalmology: a wasteful and potentially dangerous anachronism, 115

P

Palsy

Early botulinum toxin treatment of acute sixth nerve palsy, 230

Neuro-ophthalmologic signs of AIDS: 50 patients, 486

Superior oblique palsy: Results of surgery in 443 cases, 617

Parkinson's disease

Visuospatial impairment in Parkinson's disease, 229

Peer review

Assassins and zealots: Variations in peer review, 366

Phacoemulsification

Removal of lens epithelial cells by dispersion with enzymatic treatment followed by aspiration, 747

Phenylketonuria

Phenylketonuria does not cause cataracts, 615

Photocoagulation

A randomized clinical trial of scatter photocoagulation of proliferative sickle cell retinopathy, 225

R

Recoverin

Recoverin: A calcium sensitive activator of retinal rod guanylate cyclase, 227

Refraction

Effects of apomorphine, a dopamine receptor agonist, on ocular refraction and axial elongation in a primate model of myopia, 231

Retina

Differentiation of detached retina and vitreous membrane with color flow Doppler, 113

National outcomes of cataract extraction I. Retinal detachment after inpatient surgery, 483

Prognostic factors in idiopathic preretinal macular fibrosis, 369

Recoverin: A calcium sensitive activator of retinal rod guanylate cyclase, 227

Retinal circulation times in diabetes mellitus type 1., 618

Retinal ganglion cell loss is size dependent in experimental glaucoma, 231

Retinal detachment

National outcomes of cataract extraction I. Retinal detachment after inpatient surgery, 483

Visual acuity in infants after vitrectomy for severe retinopathy of prematurity, 111

Retinal pigment epithelium

Human retinal pigment epithelium contains two distinct species of superoxide dismutase, 112

Retinoblastoma

Long-term treatment effects in patients with bilateral retinoblastoma: ocular and mid-facial findings, 616

Retinopathy of prematurity

Incidence and characteristics of retinopathy of prematurity in a low-income inner-city population, 112

Visual acuity in infants after vitrectomy for severe retinopathy of prematurity, 111

Rod

Nyctalopia with normal rod function: A suppression of cones by rods, 227

S

Scleritis

Use of cyclosporin in the management of steroid dependent non-necrotising scleritis, 485

Sickle cell retinopathy

A randomized clinical trial of scatter photocoagulation of proliferative sickle cell retinopathy, 225

Sorbinil

In-vitro assessment of a hypersensitivity syndrome associated with sorbinil, 367

Spina bifida

Ophthalmic complications of spina bifida and hydrocephalus, 747

Stevens-Johnson syndrome

Ocular cicatricial pemphigoid occurring as a sequelae of Stevens-Johnson syndrome, 753

Strabismus

A surgically implanted elastic band to restore paralyzed ocular rotations, 115

Sulfonamide

Systemic sulfonamides as a cause of bilateral, anterior uveitis, 114

Sumatriptan

Treatment of acute cluster headache with sumatriptan, 749

Treatment of acute migraine with subcutaneous sumatriptan, 486

Treatment of migraine attacks with sumatriptan, 749

Surgery

Blood contacts during surgical procedures, 226

T

Thyroxine

Administration of thyroxine in treated Graves' disease. Effects on the level of antibodies to thyroid-stimulating hormone receptors and on the risk of recurrence of hyperthyroidism, 369

Tomography

Comparison of retrobulbar and periocular injections of lignocaine by computerised tomography, 615

Tonometry

Microaerosol formation in noncontact "airpuff" tonometry, 110

Trabecular meshwork

The effect of dexamethasone on glycosaminoglycans of human trabecular meshwork in perfusion organ culture, 110

Tumor

The plain radiograph in ophthalmology: a wasteful and potentially dangerous anachronism, 115

Review of lacrimal gland lesions, 114

Ultrasonographic, three-dimensional scanning for determination of intraocular tumor volume, 617

U

Ultrasonography

Ultrasonographic, three-dimensional scanning for determination of intraocular tumor volume, 617

Uveitis

Metipranolol-associated granulomatous anterior uveitis, 753

Systemic sulfonamides as a cause of bilateral, anterior uveitis, 114

V

Virus

Psychological stress and susceptibility to the common cold, 752

Visual acuity

Long-term treatment effects in patients with bilateral retinoblastoma: ocular and mid-facial findings, 616

Visual acuity in infants after vitrectomy for severe retinopathy of prematurity, 111

Visual disturbance

Visual disturbances in man as a result of experimental and occupational exposure to dimethylethylamine, 114

Visuospatial impairment in Parkinson's disease, 229

Visual field

High frequency of asymptomatic visual field defects in subjects with transient ischaemic attacks or minor strokes, 750

Visual hallucination

Erythropoietin and visual hallucinations, 752

Visual hallucinations on eye closure associated with atropine toxicity. A neurological analysis and comparison with other visual hallucinations, 368

Vitamin

The Lens Opacities Case-Control Study. Risk factors for cataract, 110

Vitrectomy

Visual acuity in infants after vitrectomy for severe retinopathy of prematurity, 111

Vitreous

Differentiation of detached retina and vitreous membrane with color flow Doppler, 113

Long-term survival rate after vitreous surgery for complications of diabetic retinopathy, 111

Prognostic factors in idiopathic preretinal macular fibrosis, 369

Use of high-density vitreous substitutes in the removal of posteriorly dislocated lenses or intraocular lenses, 747

W**Women**

A prospective study of aspirin use and primary prevention of cardiovascular disease in women, 617

